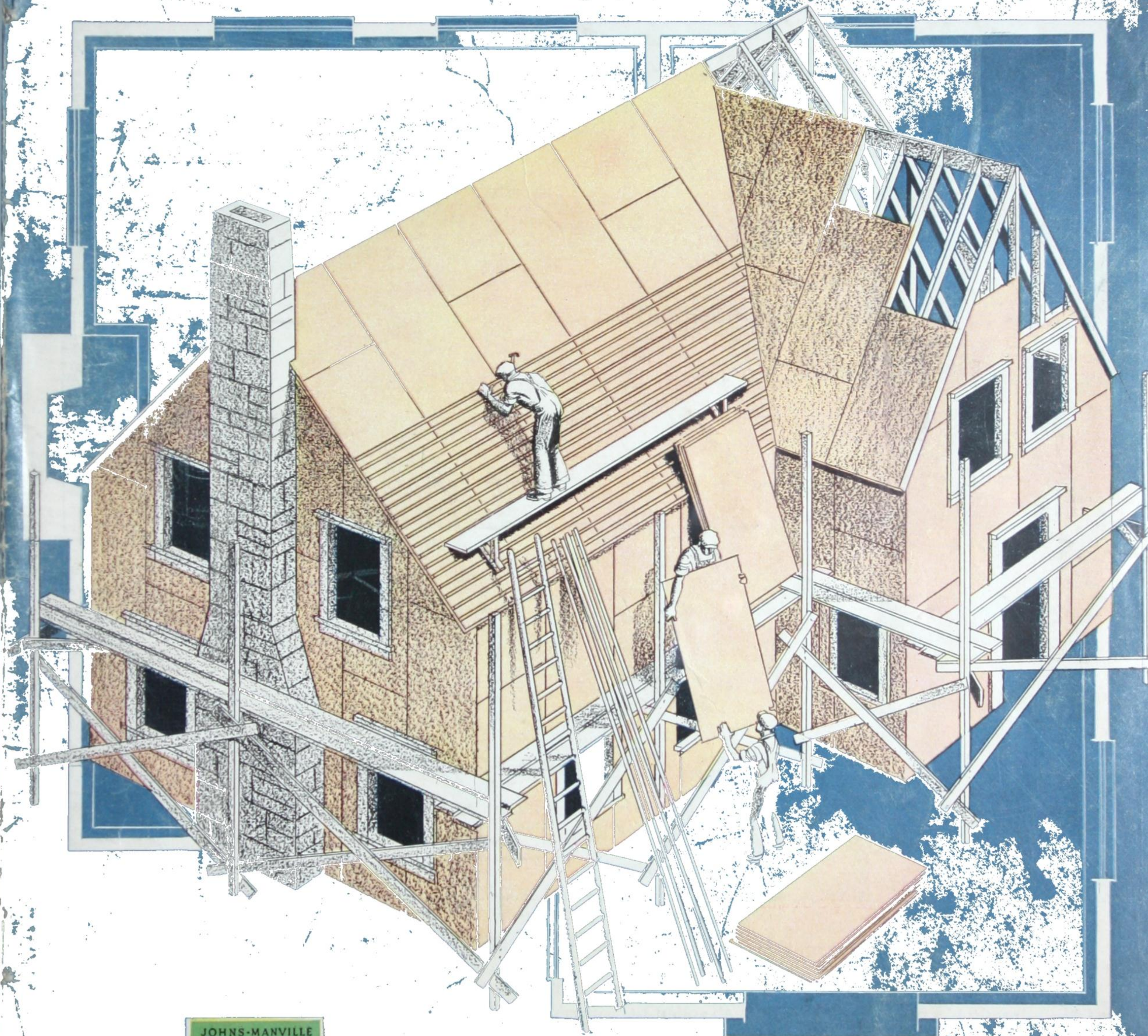
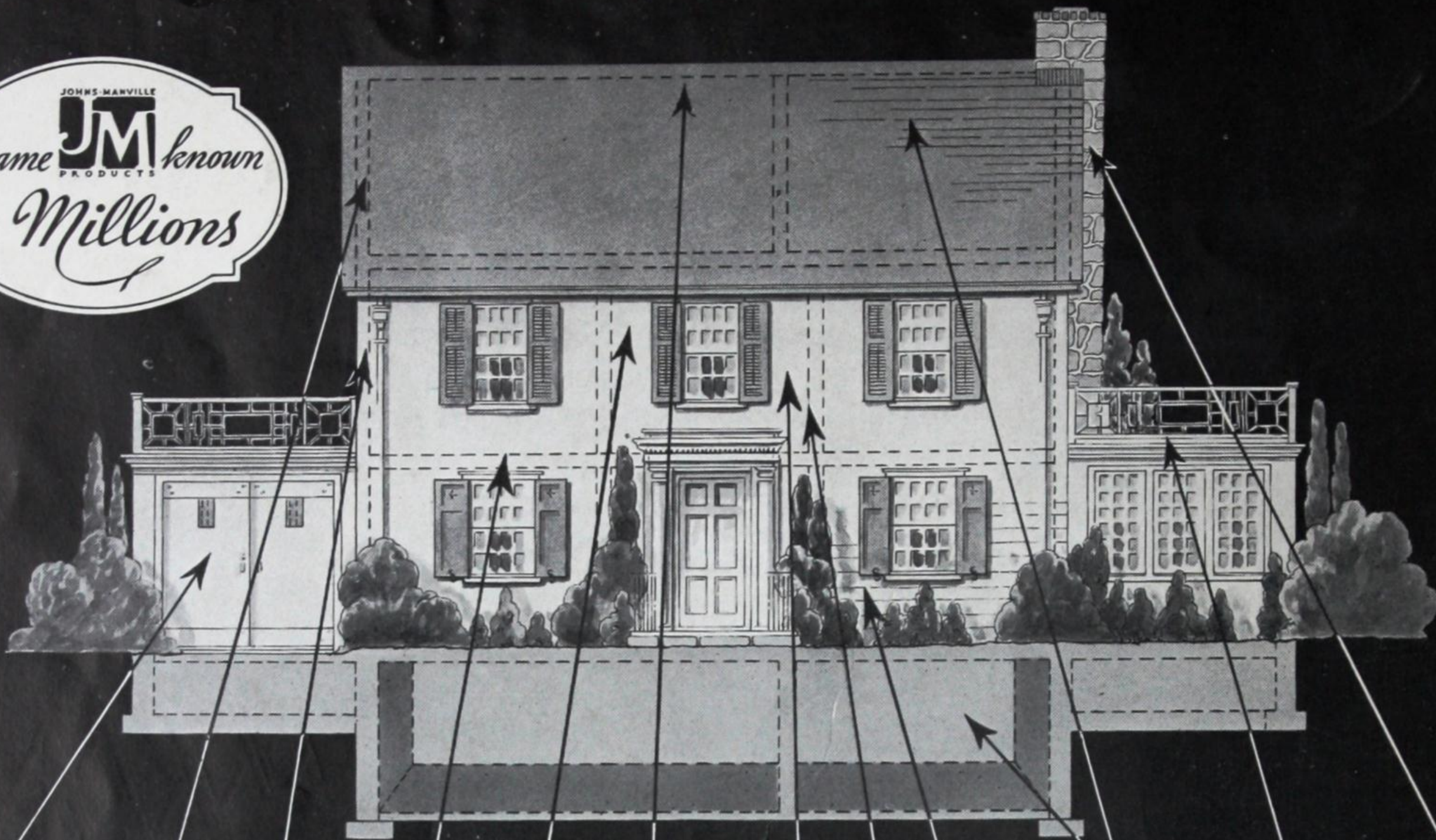


Johns-Manville BUILDING MATERIALS FOR YOUR NEW HOME





*Asbestos
Wall Sheets
for fireproof walls
and partitions
pages 24-25*

*Roof
Coatings
and
Putties
page 27*

*Home
Insulation
pages 18-19*

*Insulating
Board - for
economical
remodeling
page 20*

*Insulating
Board - for
sheathing
page 20
Building papers, etc.
page 26*

*Insulating
Board - for
finished attics
and basement
rooms
pages 22-23*

*Deadening
Felt - for
sound deadening
between floors
page 26*

*Siding
Shingles -
asbestos or
asphalt -
pages 7-9
and 11*

*Ready to lay
Roofings
asbestos or
asphalt -
pages 14-17*

*Asbestos
Wainscoting -
for "tiled" walls
in bathrooms, kitchens,
laundries, etc.
pages 28-29*

*Shingles -
asbestos or
asphalt -
pages 4 to 13*

*Decorative
Wall
finishes
pages 21-23*

*Insulating
Lath -
the ideal
plaster base
page 20*

*Asbestos
Flexboard -
for decorative
and structural
uses
pages 24-25*

A PICTURE such as this is needed to reveal the many places in which one or more Johns-Manville products can be used in the construction of better and more comfortable homes. . . . The use of these materials is not limited to new construction only, for the profitable remodeling and reconstruction field offers a ready market for practically every one of them. . . . These varied products are described on the following pages. . . . Each one is identified by the Johns-Manville name—a name backed by over half a century of research and experience in the manufacture of quality building materials.

NEW HOMES MADE BETTER . . . OLD HOMES MADE NEW

The problem of better building does not concern only the contractor or builder who selects and applies the materials used; it is of first importance also to the manufacturer. Although there are no more important items in the construction of homes than skill and good workmanship, these can only be used to best advantage when combined with materials of unquestioned quality. Established through more than half a century of manufacturing experience, Johns-Manville takes pride in its reputation as a manufacturer of quality building materials.

Johns-Manville Asbestos Shingles are the ideal roofing material. In appearance and quality, these permanent, unburnable shingles deserve to be termed a luxury, but from the practical standpoint of actual cost, they are within the reach of practically every budget.

Second only to J-M Asbestos Shingles are J-M Asphalt Shingles—durable, fire-resistant and low in cost, in an unequalled range of colors and blends.

J-M Ready-to-lay Roofings provide, for every type of building on which ready roofing can be used, the utmost in protection, depending on the type chosen.

In addition to shingles, roofing and other products, the Johns-Manville line includes a wide variety of those "accessory items," such as sheathing papers, slaters felts, deadening felt, etc., which are required in building construction.

The ultimate in house insulation, J-M Rock Wool Home Insulation makes available to owners of both new and old homes the maximum in year 'round living comfort and winter fuel savings. Built or blown into the walls and roof spaces, J-M Home Insulation is a *thick* insulating material that is permanent, rot-proof, and odorless—a material that, moreover, absolutely will not burn.

In Johns-Manville Insulating Board is found a structural, insulating and decorative material with almost unlimited possibilities for use in constructing, insulating, decorating and remodeling all types of homes.

J-M manufactures asbestos-cement sheets in styles and finishes suitable for both decorative and utilitarian purposes:—Asbestos Wainscoting, a de luxe material, furnished in marbleized and tile designs and in color panels; Asbestos Flexboard, a fireproof, permanent sheet that is actually flexible,—that can be sawed and nailed like wood,—and that is amazingly low in cost, whether used in decorative or standard finish; and Transite, the outstanding fire- and corrosion-resistant sheet.

For restoring old wood, metal and composition roofs, and for the many miscellaneous repair jobs which involve patching, pointing up or waterproofing, Johns-Manville manufactures a complete line of roof coatings, roof and caulking putties and cements.

SHINGLES

Asbestos
and
Asphalt

READY ROOFINGS

BUILDING ACCESSORIES

HOME INSULATION

INSULATING BOARDS

ASBESTOS- CEMENT SHEETS

ROOF COATINGS, PUTTIES, etc.



There is not a home, large or small, which can afford to be without the protection of a fireproof roof. And now that Johns-Manville Asbestos Shingles are available at prices within the reach of practically every pocketbook, every home can have complete security from fire and weather, and, at the same time, obtain beauty which never grows old.

No finer roof can be selected than a roof of these fireproof, weather-proof Johns-Manville Asbestos Shingles—recognized to be the utmost in roofing quality.

JOHNS-MANVILLE RIGID ASBESTOS SHINGLES

Johns-Manville Rigid Asbestos Shingles combine, in one permanent material, all the features of the perfect roof.

They are unaffected by the action of the elements. They will not rot, rust, split or corrode. They absolutely will not burn, and not one has ever worn out—the first cost is the last cost!

Johns-Manville Asbestos Shingles are composed of asbestos fibres and Portland cement, moulded under hydraulic pressure into one homogeneous unit that actually grows tougher with age.

These permanent shingles can be applied right over an old roof just as easily as on a new home. Wherever used, they assure the owner of a lifetime of protection from weather and fire without further expense, and add materially to the appearance and the value of the home.

For many years, Johns-Manville Asbestos Shingles have been regarded as a luxury—suitable for only the most expensive homes. Today, new designs, simplified application methods and lower prices of the shingles have brought the cost of a finished J-M Asbestos Shingle roof within the reach of practically every budget.

J-M Asbestos Shingles for Siding

With the development of J-M Asbestos Shingles in a special design for siding work, it is now possible to give the walls the same resistance to fire, weather, and upkeep as the roof.

Many an old home has received a new lease on life with walls of J-M Asbestos Shingles in addition to the J-M roof—the ideal way of obtaining permanent protection and freedom from maintenance costs, for the whole home.

J-M No. 30 DUTCH LAP SHINGLES

The J-M No. 30 Dutch Lap Shingle combines the familiar horizontal and vertical shingle lines with the simplicity of the Dutch Lap method of application, by which labor costs are materially reduced. This, together with the low cost of the shingle itself, makes the J-M Dutch Lap roof one of the most economical asbestos roofs now available.

The J-M Dutch Lap Shingle is lapped at the side and top, with the exposed corner secured by a J-M Clincher. It is designed for uniform sidelap application, and can be laid either from left to right or from right to left.

The J-M Clincher

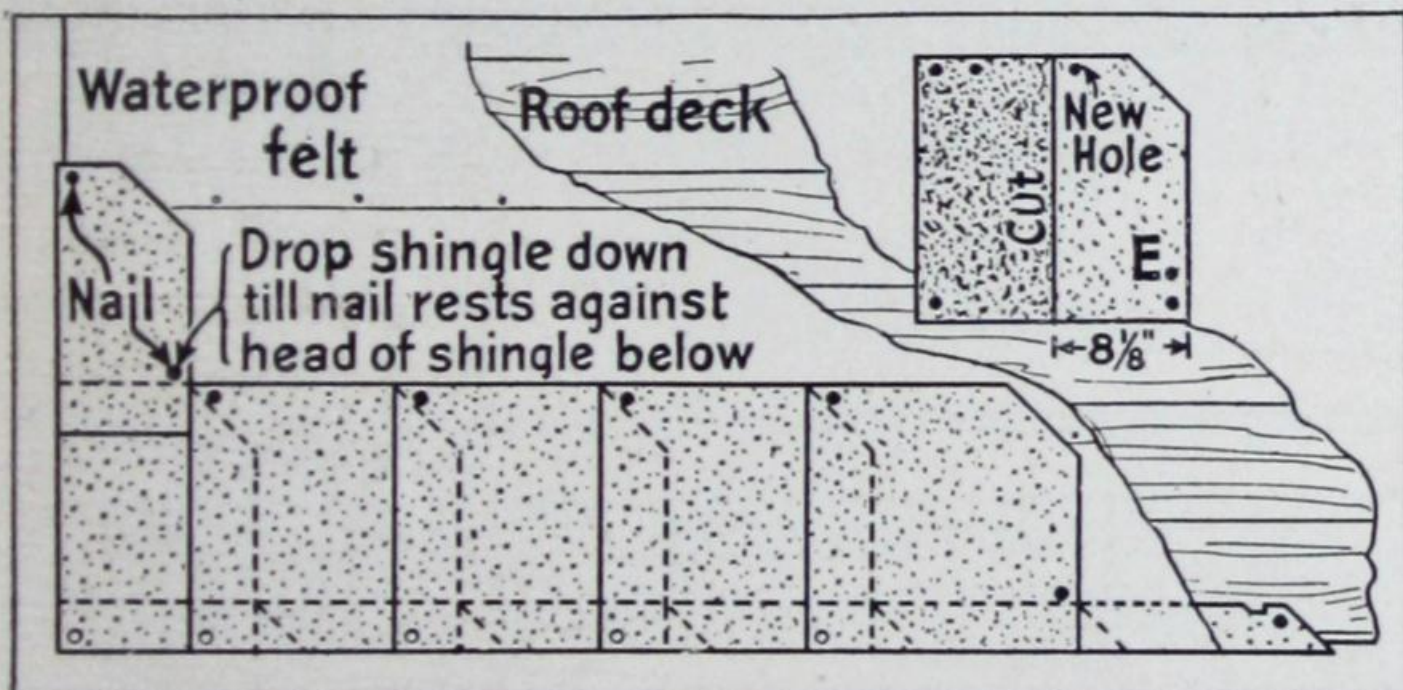
The J-M Clincher, which replaces the old storm anchor in securing the exposed corners of the shingles, is the key to the new simplified method of application. It can be quickly slipped into place and clinched with a smart hammer blow at any time during the application of the roof. It grips securely and cannot come loose.



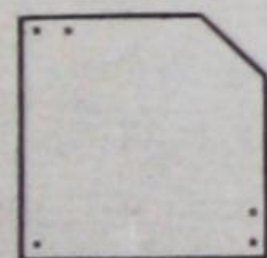
J-M Dutch Lap Shingles are available in two attractive colors—Natural Gray and Pigment Red.



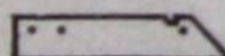
This beautiful Dutch Lap roof demonstrates how this shingle harmonizes with the effect of a stucco and half-timber home. The lines of this shingle blend harmoniously with practically every type of architecture.



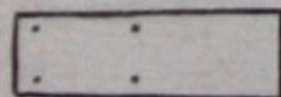
This diagram graphically shows how easily a No. 30 Dutch Lap roof can be laid. The shingles have a large coverage and are self-aligning. They can be laid over old wood shingles as readily as over new sheathing.



J-M No. 30 DUTCH LAP METHOD (Price Code No. R-18)—Applied with $\frac{1}{4}$ side lap. Size $16\frac{1}{4}$ " x $16\frac{1}{4}$ ". Packed 15 shingles per bundle; 6 bundles, 90 shingles per square. Weight approximately 325 lbs. per square. Require 90 J-M Clinchers per square; approximately 1 lb. of $1\frac{1}{4}$ " galvanized nails for new work and approximately $1\frac{3}{4}$ lbs. of 2" nails for re-roofing. Use No. 31 Eaves Starter and either No. 18 Hip and Ridge Shingles or Ridge Roll. *Underwriters' Class B Label.*



No. 31 EAVES STARTER (Price Code No. R-20)—For use with No. 30 Dutch Lap Shingles, 99 pieces per 100 lineal feet. Packed 15 pieces per bundle. Furnished in Natural Gray. Approximate weight 60 lbs. per 100 lineal feet.



No. 18 HIP AND RIDGE SHINGLE (Price Code No. R-21)—For use with No. 30 Dutch Lap Shingles. Cut from the same stock as main body shingles. Sizes $4-19\frac{3}{32}$ " x $5-11\frac{3}{32}$ " wide x 16" long. Made in the same colors as No. 30 shingles. 340 shingles per 100 lineal feet. Packed 17 pieces per bundle. Weight approximately 330 lbs. per 100 lineal feet.

J-M No. 35 AMERICAN METHOD SHINGLES



In the J-M No. 35 American Method Shingles both color and texture are combined to make roofs of unusual beauty and attractiveness at low cost. The pleasing rough texture, untrimmed edges and rich colors of these shingles give character to the roof and add materially to the attractiveness of the home. Ordinarily these features are found only in higher priced shingles, yet the J-M No. 35's are very moderate in cost. Colors: Ebon Black, Granada Red, Olive Green, Sea Green and Mottled Gray. (Available on special order only.)



No. 35 American Method—Size, 8" x 16". Tapered to approximately $\frac{1}{4}$ " butts. 7" exposure. Packed 20 shingles per bundle. 13 bundles, 260 shingles per square. Weight, approximately 565 lbs. per square. (Random widths of 6", 8" and 10" available on special order at slight additional cost.) Approximately $2\frac{1}{4}$ lbs. of $1\frac{1}{4}$ " galvanized nails per square for new work, and approximately $3\frac{1}{2}$ lbs. of 2" nails for re-roofing. Use No. 36 Starters and No. 37 Hip and Ridge Shingles. *Underwriters' Class A Label.*

ASBESTOS SHINGLES

J-M HEXAGONAL SHINGLES

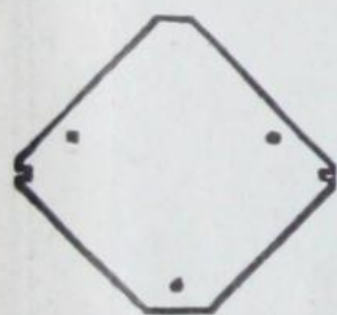
J-M Hexagonal Asbestos Shingles—one of the old familiar styles that is always popular—provide all the advantages of permanence and fire protection at extremely low cost. Not only are these shingles themselves inexpensive, but fewer pieces are required per square. The butts are securely fastened with copper storm anchors, making the roof tight against wind and rain.

J-M Hexagonal Shingles are also popular for re-siding work. When applied right over the old wood shingles or clapboards, they extend to the outside walls the same qualities of permanence, fireproofness and freedom from upkeep that make J-M Asbestos Shingles so ideal for roofing work.

Colors: Natural Gray, Pigment Red.

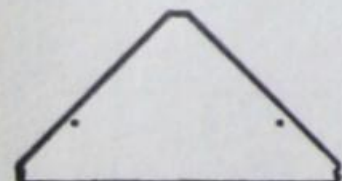


J-M HEXAGONAL RIGID SHINGLES bring to the roof of the home permanent protection from fire and weather at an extremely low cost. (At left)—Home re-sided with J-M Hexagonal Asbestos Shingles.



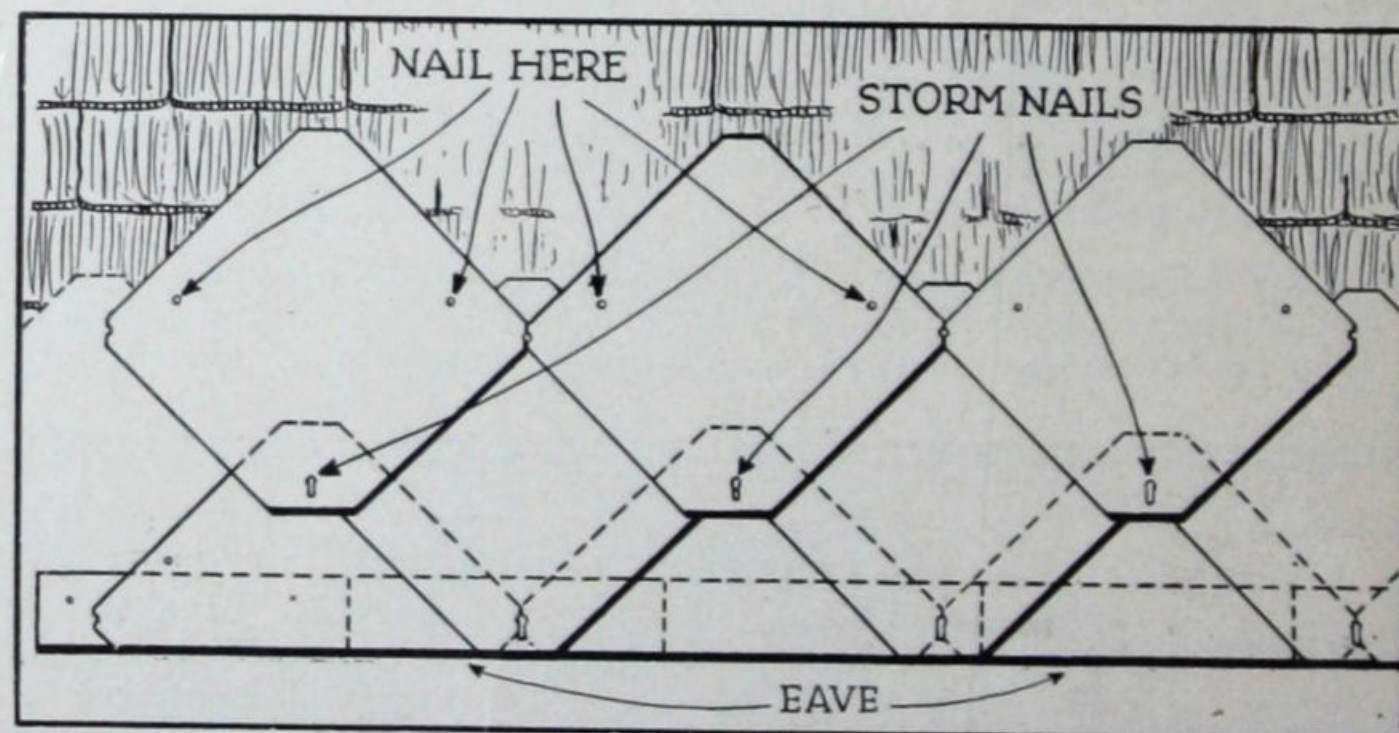
No. 70 HEXAGONAL SHINGLES (Price Code No. R-1)—Size 16" x 16". Packed in convenient bundles of 15 shingles each. 5-11/15 bundles, 86 shingles required per square. Exposed 13" x 13" to the weather. 86 storm anchors required per square. Approximately 1 lb. of 1 1/4" galvanized nails required for new work. Approximately 2 lbs. of 2" galvanized nails required for re-roofing. Use No. 17 and No. 71 Starters with Ridge Roll or No. 18 Hip and Ridge Shingles. *Underwriters' Class B Label.* Weight approximately 305 lbs. per square.

No. 60 HEXAGONAL SHINGLES (Price Code No. R-2)—Size 12" x 12". Packed in bundles of 15 shingles each. 160 shingles, 160 Storm anchors, 1 1/2 lbs. 1 1/4" galvanized nails required per square. Approximately 2 1/2 lbs. 2" galvanized nails required for re-roofing. Exposed 9 1/2" x 9 1/2" to the weather. Use No. 17 and No. 61 Starters with Ridge Roll, or No. 18 Hip and Ridge Shingles. *Underwriters' Class B Label.* Weight approximately 300 lbs. per square.

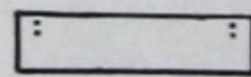


No. 71 EAVES STARTER (Price Code No. R-10)—For use with No. 70 Shingles. 58 pieces per 100 lineal feet of eave. Packed 15 pieces per bundle. Each eave shingle is 20-15/16" wide. In the same colors and from the same stock as the No. 70 Shingles. Approximate weight per 100 lineal feet, 125 lbs.

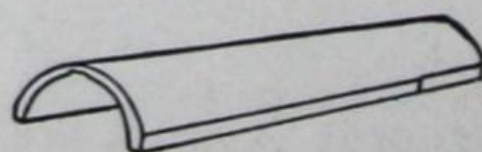
No. 61 EAVES STARTER (Price Code No. R-11)—For use with No. 60 Shingles. 77 pieces per 100 lineal feet of eave. Packed 15 pieces per bundle. Each eaves shingle is 15 5/8" wide. In the same colors and from the same stock as the No. 60 Shingles. Approximate weight per 100 lineal feet, 90 lbs.



Two nails and a storm anchor securely hold J-M Hexagonal Shingles either for new construction or in re-roofing work.



No. 17 STARTER (Price Code No. R-12)—For use with Nos. 60 and 70 Shingles. 75 pieces per 100 lineal feet of eave. Packed 15 pieces per bundle. Size 4" x 16" x 1/4" thick. Made in Gray only. Approximate weight per 100 lineal feet, 63 lbs.



RIDGE ROLL (Price Code No. R-14)—For use with Nos. 60 and 70 Shingles. 93 sections required per 100 lineal feet. Approximate weight, 4 lbs. per section. Available in Red and Gray.

J-M No. 130 SIDING SHINGLES

The J-M No. 130 Siding Shingle applies the economical Dutch Lap principle to siding use. When applied on sidewalls it will eliminate periodic painting or repair expense and at the same time modernize the appearance of the home. Like all other J-M Asbestos Shingles, it is permanent and fireproof; it will not rot, warp, split, corrode or burn; and never needs painting.

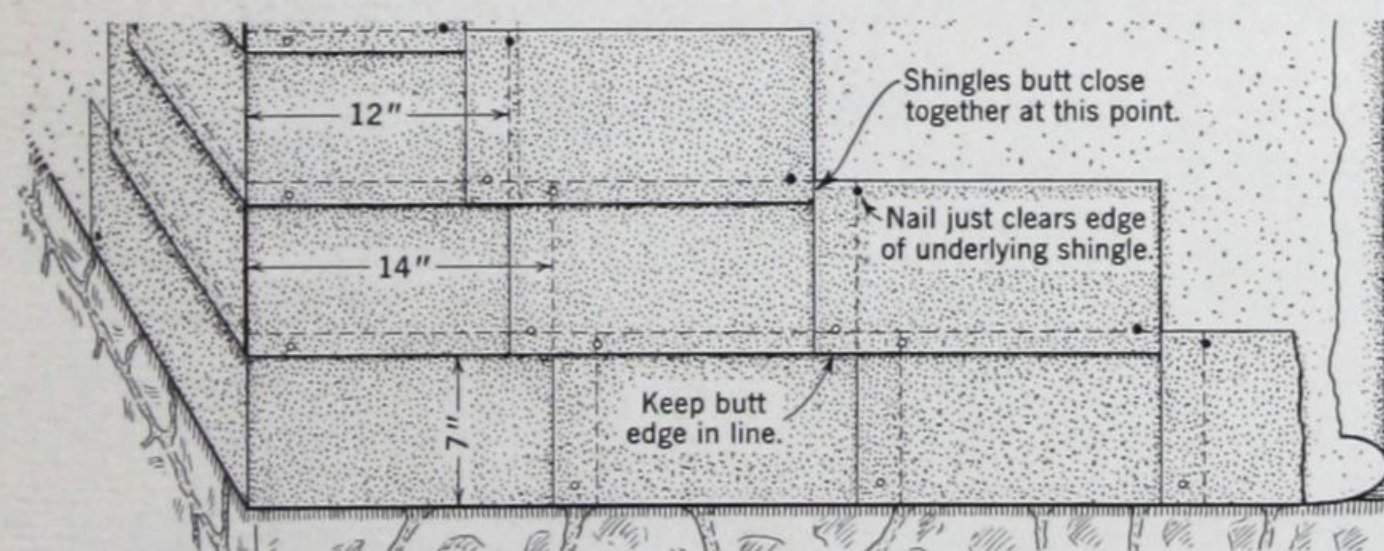
The No. 130 Shingle can be applied right over the old siding, without the trouble and expense of tearing off the old material. It is fast laying and self-aligning, and requires no furring. Its small size does away with the need for anchors or fasteners, so that the application is quick, simple and very economical.

Added to these features is the low cost of the shingles, which helps to bring the advantages of permanent, fireproof siding within reach of all home owners.

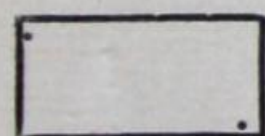
Colors: Natural Gray, Pigment Red.



J-M No. 130 Siding Shingles have transformed this frame home, at low cost, into one that will successfully resist fire and weather.



The diagram above shows the first three courses of a No. 130 Siding Shingle job, and indicates the method of establishing correct sidelap.



J-M No. 130 SIDING SHINGLES (Price Code No. R-26)—Size 8" x 16". Headlap 1", Sidelap 2". Packed 21 pieces per bundle. 7 bundles, 147 shingles per square. Weight, approximately 265 lbs. per square. Requires 2½ lbs. of 2" galvanized nails per square. Laid from left to right.



With its roof of No. 30 Dutch Lap Shingles and its walls of No. 130 Siding Shingles, this cottage is well protected from fire, weather and upkeep expense.

GALVANIZED NEEDLE POINT NAILS (Price Code No. R-17)—Specially made for use with asbestos shingles. Recommended in place of ordinary galvanized nails. See previous pages for quantities and sizes for each type of shingle.

COPPER CLINCHERS (Patents Pending)—(Price Code No. R-24)—The new fastening device developed by Johns-Manville. Saves time in application. Used only with No. 30 Shingles. One required for each shingle. Weight, 4 lbs. per 1,000.

COPPER STORM ANCHORS (Price Code No. R-16)—The old familiar type of fastener for use with No. 60 and No. 70 Hexagonal Shingles only. One required for each shingle. Weight, 5 lbs. per 1,000.

COPPER RIDGE ROLL FASTENERS (Price Code No. R-15)—For use in fastening the exposed end of Ridge Roll. One required for each piece of Ridge Roll. Weight, 21 lbs. per 1,000.



All J-M Flexible Shingles, with their beauty of color and blending, are an asset to every home on which they are used—and a source of pride to the owner. Not only are they beautiful—but they are free from periodic maintenance costs. Moreover, their resistance to fire makes them highly desirable. These items must be considered whether re-roofing or re-siding an old home, or making the choice for a new home.

FLEXSTONE AND SLATEKOTE SHINGLES For Roofs and Walls

Second only to J-M Rigid Asbestos Shingles are J-M Flexible Asphalt Shingles, of which there are two grades—Flexstone Asbestos and Slatekote Rag Felt. They are made on a felt base which is thoroughly saturated and coated with weather-proof asphalt, then surfaced with crushed slate or minerals making a roof that is durable, fire resistant and colorful. The range of colors and blends in which J-M Flexible Asphalt Shingles are obtainable makes it easy to select a roof to harmonize with any desired color scheme.

Flexstone

J-M Flexstone (flexible stone) Shingles, being built on heavy, indestructible asbestos felt, and thoroughly saturated and coated with asphalt, give positive protection from fire and weather. Surfaced also with colorful slate, they make roofs of unusual beauty—beauty that never needs to be renewed.

A feature of this line is the Flexstone Thick-Butt Shingle, which has an *extra* coating of both asphalt and slate on the butts, giving the roof a rugged character under all conditions of light and shade.

A second feature is the Flexstone Bric-Side Shingle, designed for siding use, and resembling the effect of real brick.

Slatekote

J-M Slatekote Shingles are made exactly like Flexstone, but on a base of durable rag-felt. In this type also are found Thick-Butt and Bric-Side Shingles, in addition to many standard patterns.



Flexstone Bric-Side

The new Flexstone Bric-Side Shingle closely resembles genuine brick, in color, design and effect. The "brick" actually protrudes beyond the "mortar," by means of a second coating of asphalt and slate. This shingle can be applied right over old wood siding, as well as on a new home. Colors: Tile Red, Autumn Blend and Solid Buff. See pages 12 and 13.



FLEXSTONE BRIC-SIDE
(Price Code F-13)—Size 30" x 6",
2½" exposure, 1" headlap. 96
shingles per bundle. 2 bundles,

192 strips per square. Weight approximately 190 lbs. per square.



The photograph above shows the remarkable resemblance which Flexstone Bric-Side Shingles bear to real brick work. Many an old frame house has been quickly transformed into a substantial "brick" residence with these attractive shingles.

J-M FLEXSTONE SHINGLES

On this page are shown the various styles in which J-M Flexstone Asbestos Shingles are made. In addition to the old favorite the Square-Butt Strip, note the Thick-Butt Twins and the Bric-side. Colors of these shingles are shown on pages 12 and 13.

While the appearance of a Flexstone Shingle is not different from that of a rag-felt shingle, it will give much longer service, together with better protection from fire because it is built on an asbestos base. Yet, even with these advantages, the cost is surprisingly low.

Thick-Butt Twin

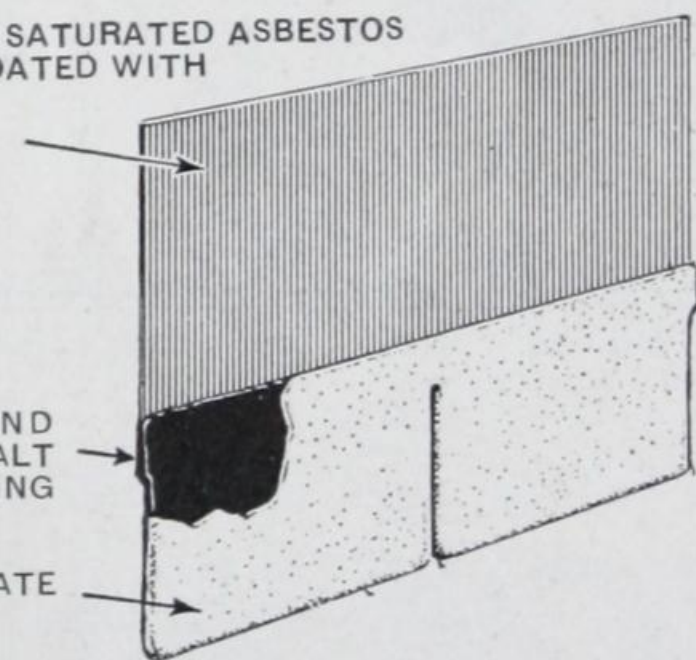
With an extra coating of asphalt and slate on the exposed tabs, the Flexstone Thick-Butt Twin Shingle takes on added thickness and weight, and so imparts a rugged character to the roof. Because of this extra coating of weather-resistant materials, in addition to the asbestos base, this shingle provides service and durability far beyond the life of the ordinary flexible shingle roof.

THOROUGHLY SATURATED ASBESTOS
FELT BASE, COATED WITH
ASPHALT AND
BLACK SLATE

SECOND
ASPHALT
COATING

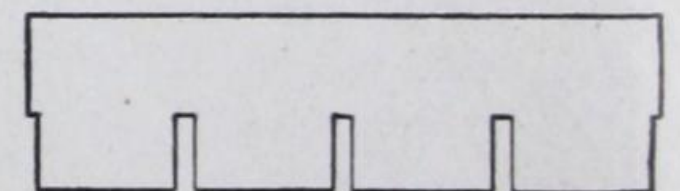
SECOND SLATE
SURFACING

EXTRA
WEIGHT
ON
TABS



FLEXSTONE THICK-BUTT TWIN (Price Code F-3)—Size 12" wide x 20" long, 5" exposure, 2" headlap. 48 strips per bundle. 3 bundles, 144 strips per square. Weight approximately 200 lbs. per square. Made in the following colors and blends: Blue-Black, Tile Red, Charmaine Green, Blended Normandy Greens and Blended Romany Reds. See pages 12 and 13.

Flexstone 4-Tab Strips



This attractive Flexstone Shingle in the popular square-butt style, is very economical in price. Its large coverage and self-aligning feature also insure lowest application costs. Made in Standard Red, Standard Green and Blue-Black. See pages 12 and 13.

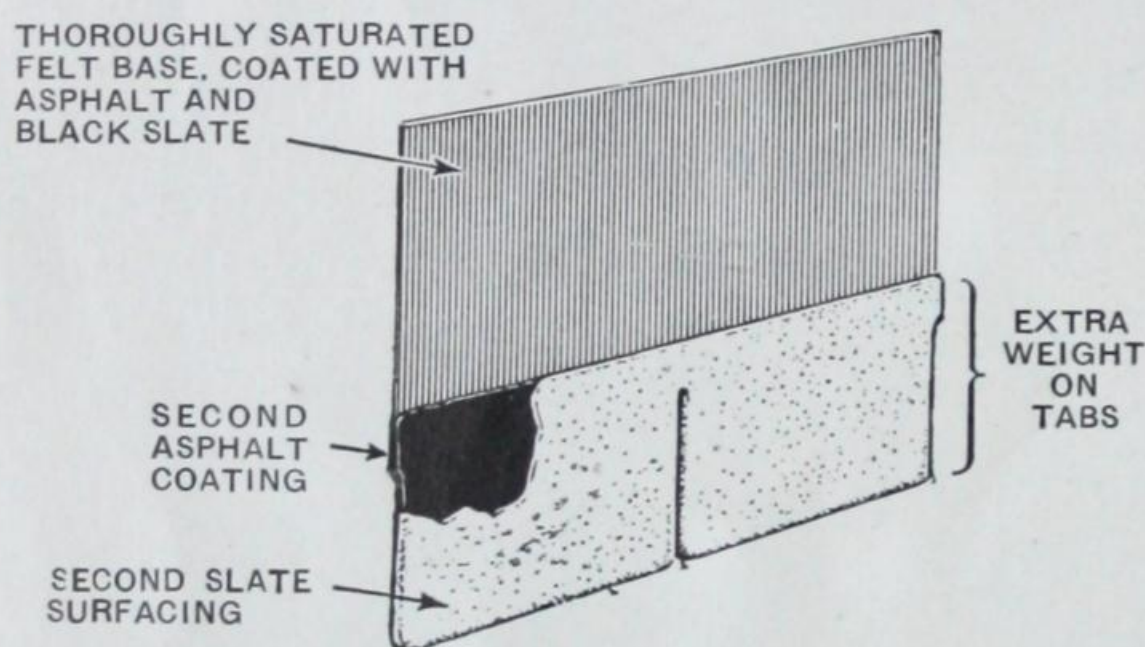
FLEXSTONE 4-TAB STRIPS (Price Code F-2)—Size, 10" wide x 36" long. 4" exposure. 2" headlap. 100 strips per square packed in two bundles. Weight approximately 200 lbs. per square.

ASPHALT SHINGLES

J-M SLATEKOTE SHINGLES

In addition to the popular square-butt and hexagonal styles, the J-M line of asphalt shingles includes individual shingles of both conventional and "locking" types. All are made to Johns-Manville standards, on a base of quality rag-felt which has been saturated with refined asphalts and surfaced with colorful slates or minerals.

Outstanding in this line are the J-M Thick-Butt Slatekote Shingles, available in twin style. The exposed tabs are surfaced with a *second* coating of both asphalt and slate, so that the roof has a sturdy, rugged appearance under all conditions of light and shadow. This extra surfacing provides added durability and resistance to the weather, and so lengthens the life of the roof by many years.



Twin Thick-Butt

SLATEKOTE TWIN (Price Code S-9)—Size 12" x 20", 5" exposure. Weight approximately 200 lbs. per square. Packed 48 shingles per bundle. 3 bundles, 144 shingles per square. Colors: Blended Normandy Greens, Blended Romany Reds, Brittany Blend, Charmaine Green, Autumn Blend, Tile Red, Standard Red, Standard Green, Standard Blue-Black.

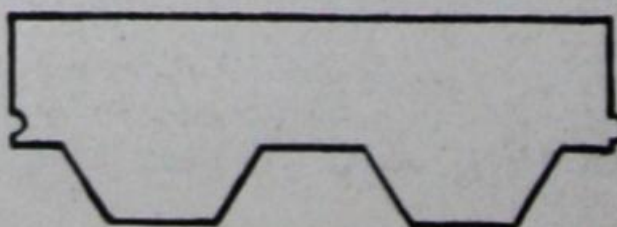
SLATEKOTE SPECIAL TWIN (Price Code S-17)—Size 12" x 20", 5" exposure. Weight, approximately 240 lbs. per square. Packed 48 shingles per bundle. 3 bundles, 144 shingles per square. Colors: Tile Red, Charmaine Green, Standard Blue-Black, Autumn Blend.

SLATEKOTE SUPER-TWIN (Price Code S-10)—Size 12" x 20", 5" exposure. Weight approximately 320 lbs. per square. Packed 36 shingles per bundle. 4 bundles, 144 shingles per square. Colors: Standard Red, Tile Red, Standard Green, Standard Blue-Black, Tapestry Buff, Tapestry Purple, Tapestry Black and Autumn drift Blend.

Slatekote Hexagonal

J-M Slatekote Hexagonal Shingles are made of standard weight material and are notched-and-keyed for easy, self-aligning application. Their distinctive pattern lends itself to arrangement in attractively blended combinations, yet looks well when only one color is used. One of the most economical asphalt shingles made. Available in the following colors and blends:

BLENDED NORMANDY GREENS
BLENDED ROMANY REDS
BRITTANY BLEND
CHARMAINE GREEN
TILE RED



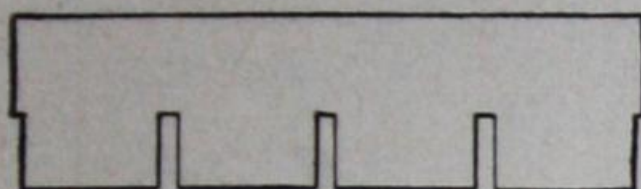
SLATEKOTE HEXAGONAL (Price Code S-7)—Size 11-1/3" x 36". 4-2/3" exposure; 2" headlap. 43 strips per bundle; 2 bundles, 86 strips per square. Approximate weight 160 lbs. per square.



J-M Slatekote Hexagonal Shingles—durable, fire-resistant, easy to apply, and attractive in color—protection combined with colorful beauty, at low cost.

Slatekote 4-Tab Strips

J-M Slatekote 4-tab Strips, in standard weight material, enable the buyer to obtain in J-M Asphalt Shingle protection in the popular square tab design and attractive



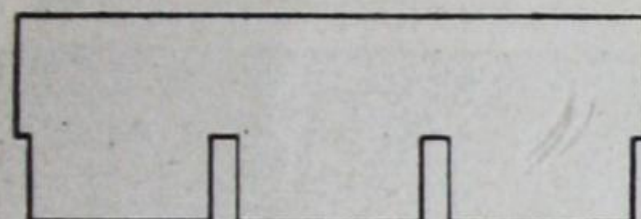
SLATEKOTE 10" 4-TAB STRIP SHINGLES (Price Code S-2)—Size 10" x 36", 2" headlap, 4" exposure, 100 shingles per square, packed in 2 bundles. Weight, approximately 200 lbs. per square.

BLENDED NORMANDY GREENS
BLENDED ROMANY REDS
STANDARD BLUE-BLACK
STANDARD RED

J-M colors, at a very moderate cost. The square-tab design always harmonizes with any type of architecture. It is easy to make a blended roof, either with the pre-assorted blends, or by combining two or more of the individual colors. Available in the colors listed below.

BRITTANY BLEND
CHARMAINE GREEN
TILE RED
STANDARD GREEN

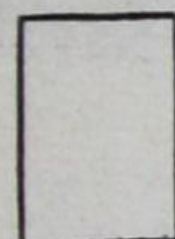
Slatekote Giant 3-Tab Strips



Slatekote Giant Three-Tab Strip Shingles (Price Code S-11)—Size 12" x 36". Exposed 5". 3 bundles, 80 shingles per square. Weight, approximately 240 lbs. per square.

Colors: — Blended Normandy Green, Blended Romany Red, Charmaine Green, Tile Red. Blended shingles supplied one color per tab.

Slatekote Individual



Slatekote Individual Shingles (Price Code S-20)—Size 8" x 12³/₈". Exposed 5". 2³/₈" headlap. 85 shingles per bundle, packed in 4 bundles. Weight, approximately 200 lbs. per square. Available in Tile Red, Standard Red, Standard Green and Blue-Black. Also used for covering hips and ridges

Slatekote Tru-Lok

J-M Slatekote Tru-Lok Individual Shingles (Price Code S-22)—A low cost economical shingle for re-roofing only, with a specially designed locking feature. Size 12" x 15", 63 shingles per bundle, 2 bundles, 126 shingles per square. Weight, approximately 120 lbs. per square. Colors: Standard Red, Standard Green, Blue-Black, Autumn Blend, Tile Red, Tapestry Red, Tapestry Green, Tapestry Buff, Tapestry Purple and Tapestry Black.



From just an ordinary frame house into a "brick" residence—that is the story told by these two pictures. J-M Bric-Side Asphalt Shingles, applied right over the old clapboards provide the appearance of a new home, with freedom from periodic upkeep costs.



J-M

ASPHALT SHINGLES FOR SIDING

Because they do not require periodic painting or repairs, and are also low in cost, Johns-Manville Asphalt Shingles have found wide acceptance by home owners and landlords for siding as well as for roofing.

In addition to its regular line of roofing shingles, Johns-Manville makes a special design for siding, known as Bric-Side Shingles, which can be applied right over the old wood siding without the labor and expense of tearing off the old material.

J-M Slatekote

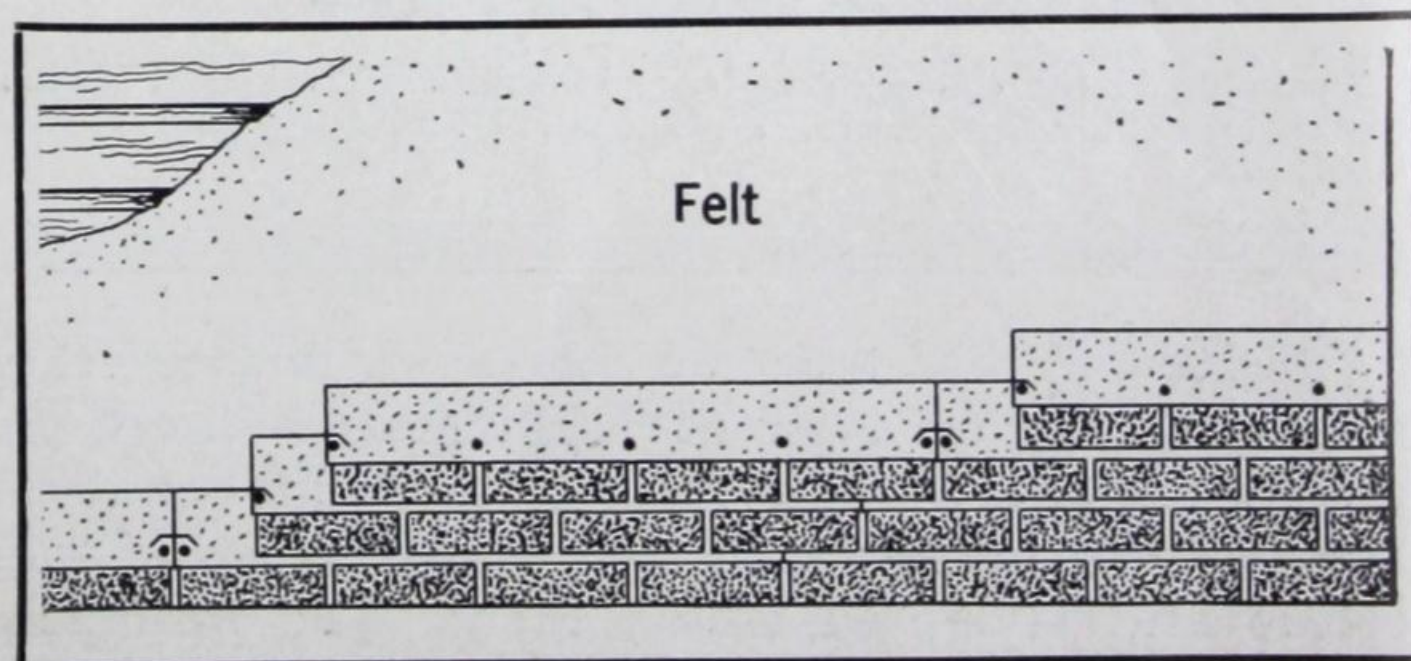
Bric-Side Shingles

J-M Bric-Side Asphalt Shingles at once give any frame building the desirable appearance of brick. Like J-M Asphalt Roofing Shingles, these special siding shingles are made on a base of selected felt, which is saturated and coated with refined asphalt and then coated with slate. In addition to this slate surfacing, however, there is a second, heavier surfacing of asphalt and colorful slate or minerals on the exposed tabs. As a result, when the shingles are applied, they give the effect of brick actually protruding from black or white mortar. This extra thickness on the tabs naturally provides a greater measure of protection.

J-M Bric-Side Asphalt Shingles are available in the following variety of colors, with "mortar" joints in black or white:

TILE RED SOLID BUFF
AUTUMN BLEND

Application detail of J-M Bric-Side Shingles



BRIC-SIDE (Price Code S-12)—Size, 6" x 30". 2¹/₂" exposure. 1" headlap. 96 shingles per bundle. 2 bundles, 192 shingles per square. Weight, approximately 190 lbs. per square.

ASPHALT SHINGLES

JOHNS-MANVILLE ARE MANUFACTURED IN THESE



Blended Normandy Greens

Available in the following styles: Flexstone—Thick-Butt Twin; Slatekote—Thick-Butt Twin, 4-Tab Strip and 3-Tab Giant Strip.



Blended Romany Reds

Available in the following styles: Flexstone—Thick-Butt Twin; Slatekote—Thick-Butt Twin, Hexagonal, 4-Tab Strip and 3-Tab Giant Strip.

Whatever the type of home—whatever the color scheme or type of architecture—there is a J-M Asphalt Shingle Roof to meet all requirements. On these pages are shown some of the colors and styles in which these J-M Shingles are made—each style conforming to Johns-Manville's strict specifications, developed through many years of experience.

See pages 9, 10, and 11 for full information regarding various styles.



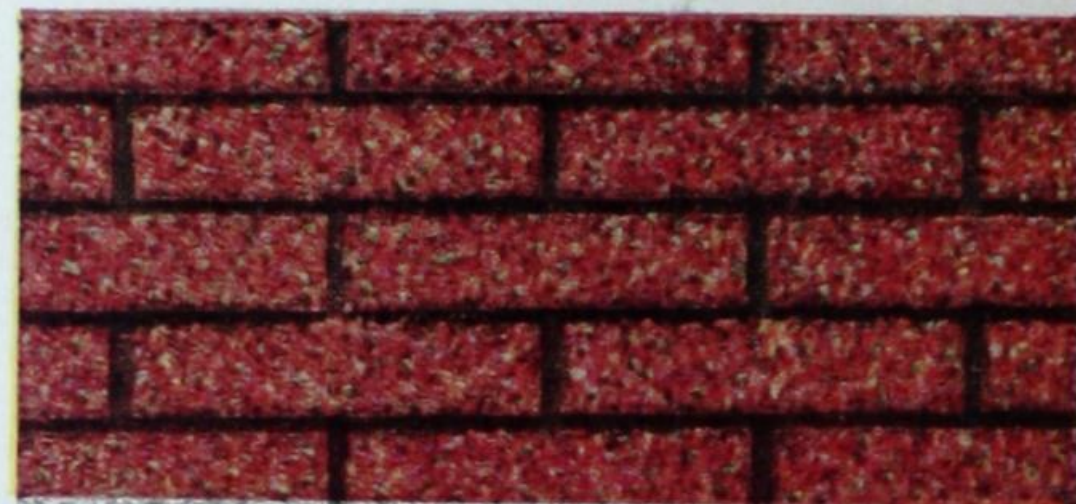
Charmaine Green

Available in the following styles: Flexstone—Thick-Butt Twin; Slatekote—Thick-Butt Twin, Special Thick-Butt Twin, 4-Tab Strip, Hexagonal and Giant 3-Tab Strip.



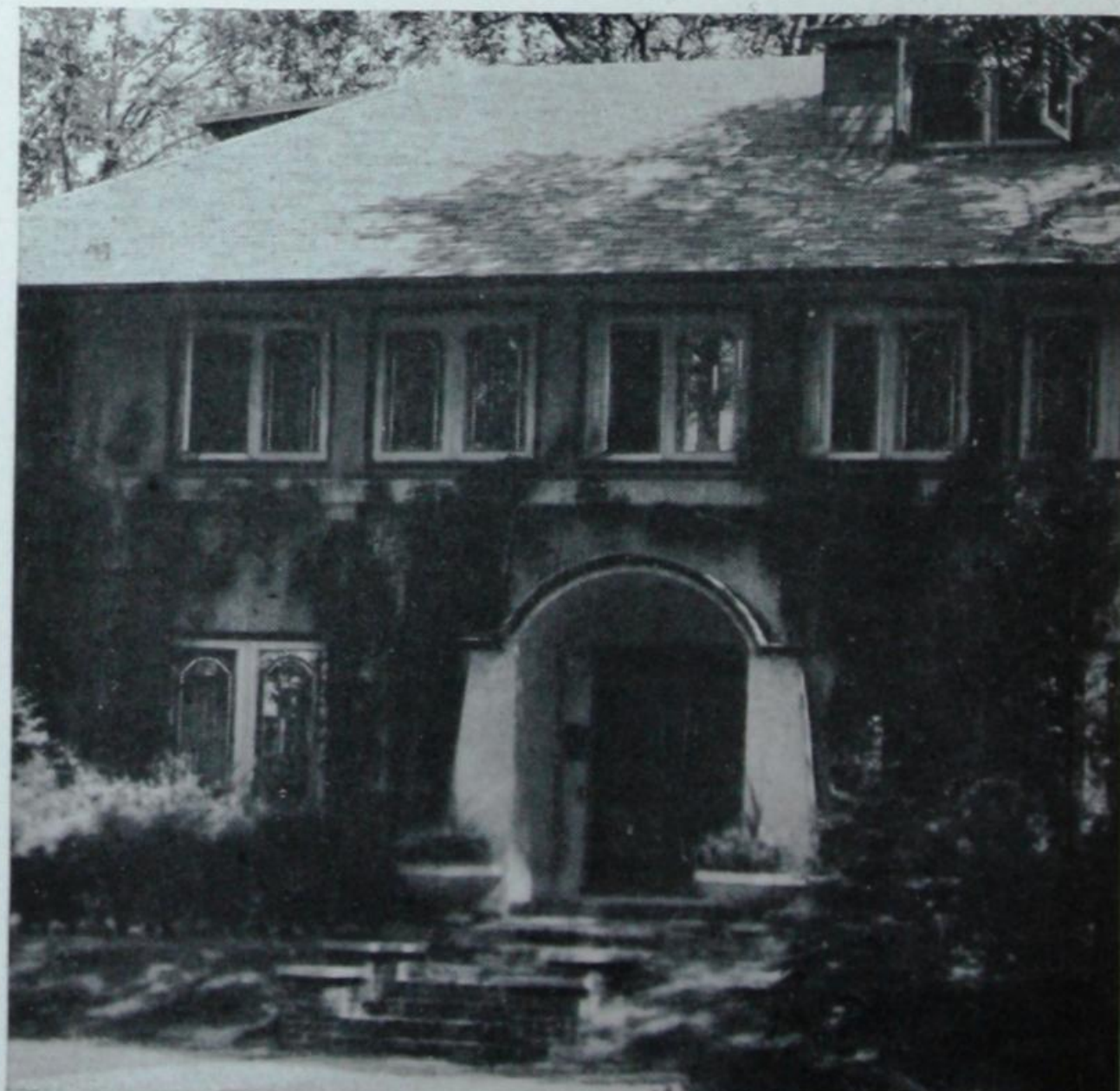
Standard Red

Available in the following styles: Flexstone—4-Tab Strips; Slatekote—Thick-Butt Twin, Super-Twin, 4-Tab Strips, Individual and Tru-Lok.

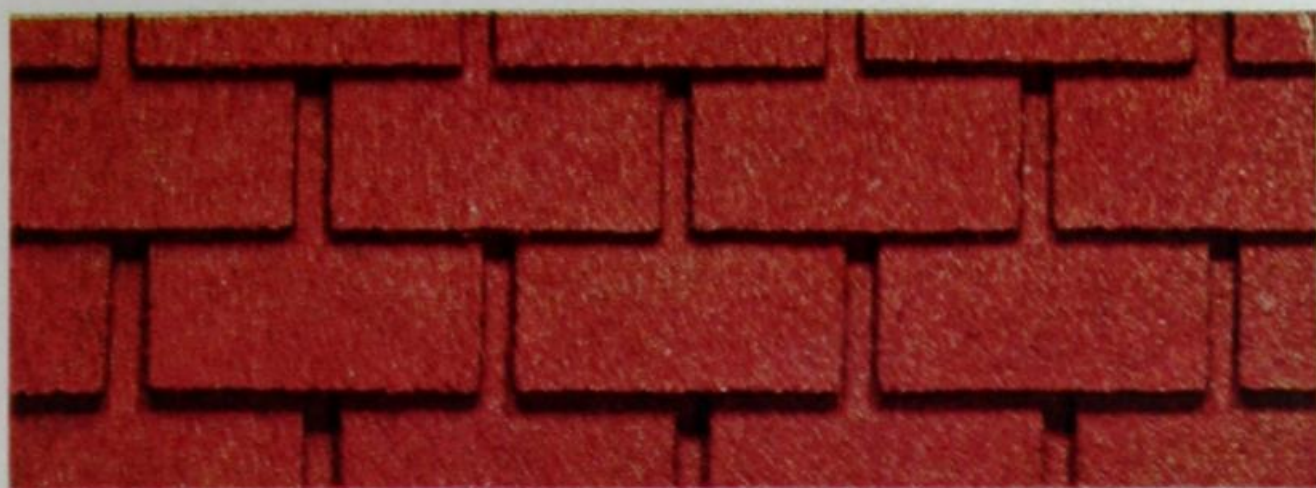


Buff Bric-Side

One of the most popular Bric-Side colors. Brightens up old walls at low cost.



ASPHALT SHINGLES BEAUTIFUL COLORS AND BLENDS



Tile Red

Available in all styles, excepting Flexstone 4-Tab Strips.



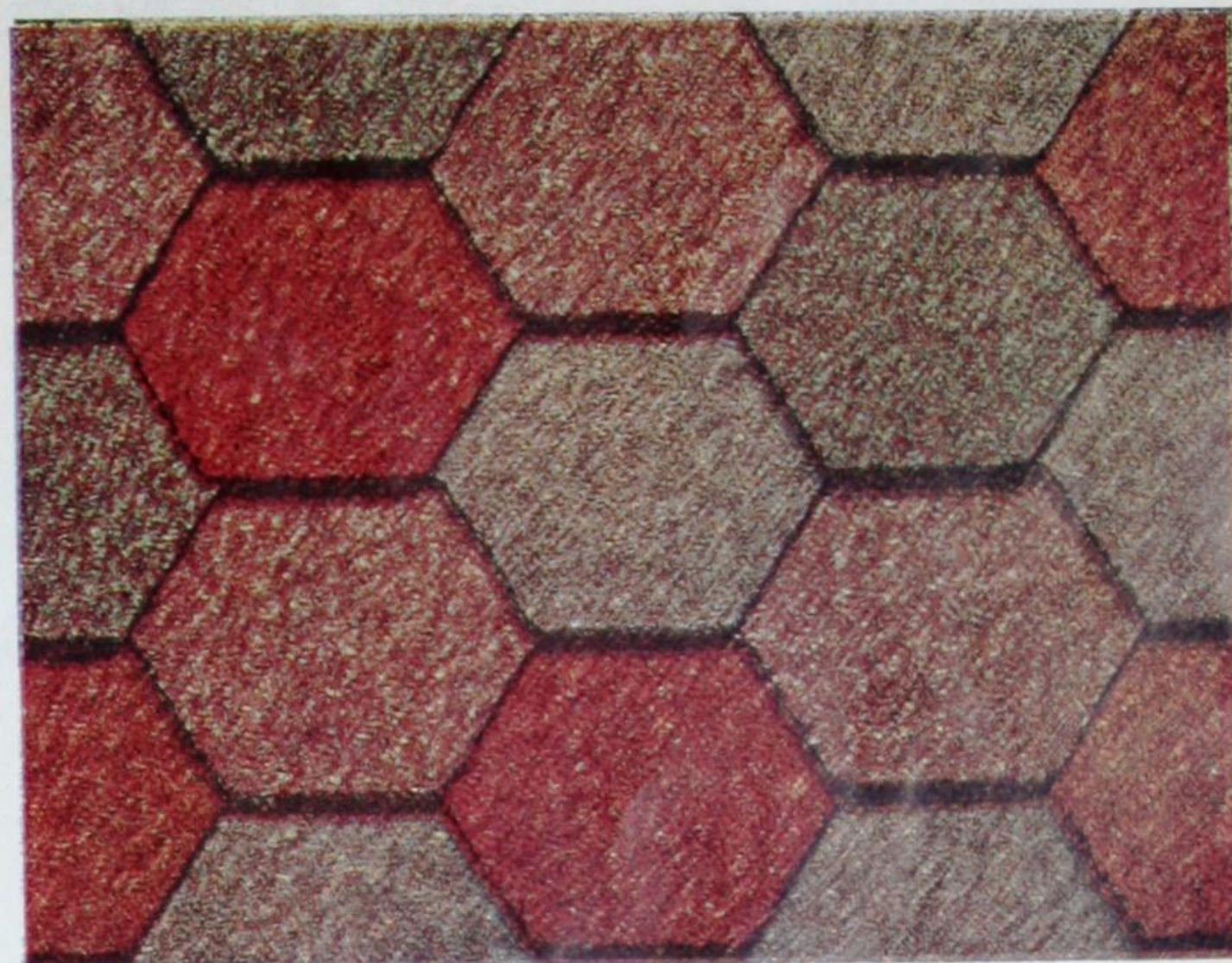
Blue-Black

Available in the following styles: Flexstone—4-Tab and Thick-Butt Twin; Slatekote—Thick-Butt Twin, Special Twin, Super-Twin, 4-Tab Strips, Individual and Tru-Lok.



Tile Red Bric-Side

Another widely used siding color, closely resembling the red found in common brick.



Brittany Blend (Hexagonal)

Available in the following styles: Slatekote—Thick-Butt Twin, Hexagonal and 4-Tab Strips.



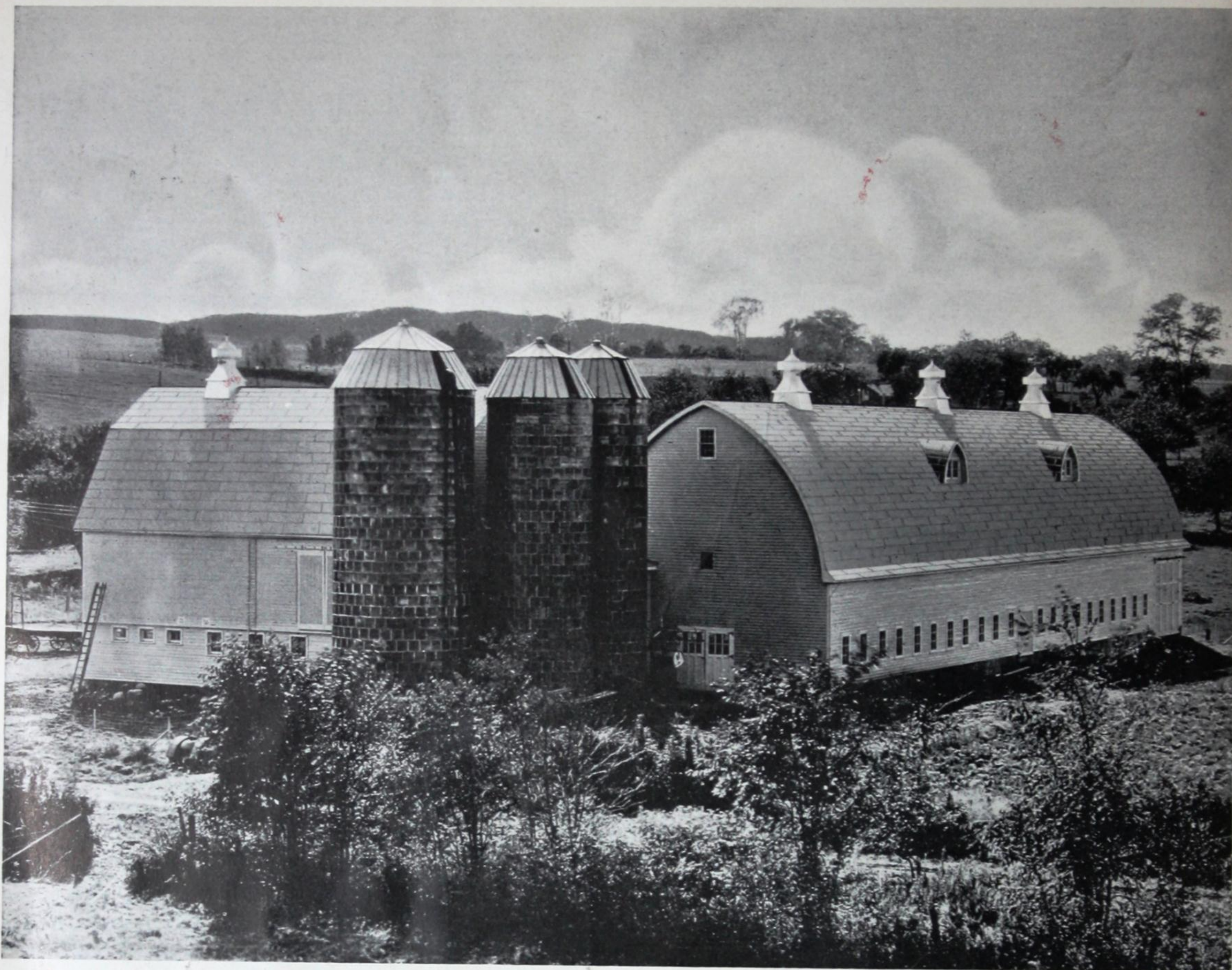
Autumn Blend (Thick-Butt)

Available in the following styles: Flexstone—Bric-Side; Slatekote—Thick-Butt Twin, Special Thick-Butt Twin, Super Thick-Butt Twin, Tru-Lok Individual, Bric-Side.

In addition to the colors illustrated on these pages, there are many other attractive shades made specifically for one or two styles. Full information concerning these colors will be given on request.

(Note that Flexstone Asbestos Shingles are also made in some of these colors.)

IMPORTANT: — The majority of the above colors and styles are available from all our producing points. However, there are some that are not manufactured in certain areas. To avoid disappointment, consult your dealer before final selection.



J-M READY-TO-LAY ROOFINGS

For every roof or service condition, where ready-to-lay roofings can be used, Johns-Manville manufactures a suitable, high-quality material at a reasonable price.

These products are a result of the experience we have gained through nearly a half-century of roofing manufacture. They range from materials designed to protect temporary buildings, up to weather-proof, highly fire-resisting asbestos roofings for use on permanent structures of all types.

Asbestos Roofings

J-M Asbestos Roofings are all made on a base of imperishable asbestos felts, impregnated with high-grade asphalt. They come in a variety of styles and in various thicknesses or plies: slate surfaced, where color is desired; White Top for light reflection or outstanding appearance; plain black for utility; some in rolls, others in sheets—but all built on a base of J-M Asbestos Felt.

The fire-resisting qualities and unusually long life of the Asbestos Roofings have made them particularly acceptable for use on farm and industrial buildings, and in all other places where dependable protection from the weather and roof-communicaed fires is essential.

Asphalt Roofings

In addition, Johns-Manville also manufactures durable Asphalt Roofings, which are made on a base of asphalt-impregnated rag felt. This line includes mineral surfaced roofing in a variety of weights and styles, three grades of smooth-surfaced roofing, starting strips, etc.—all meeting the high standards of J-M quality.

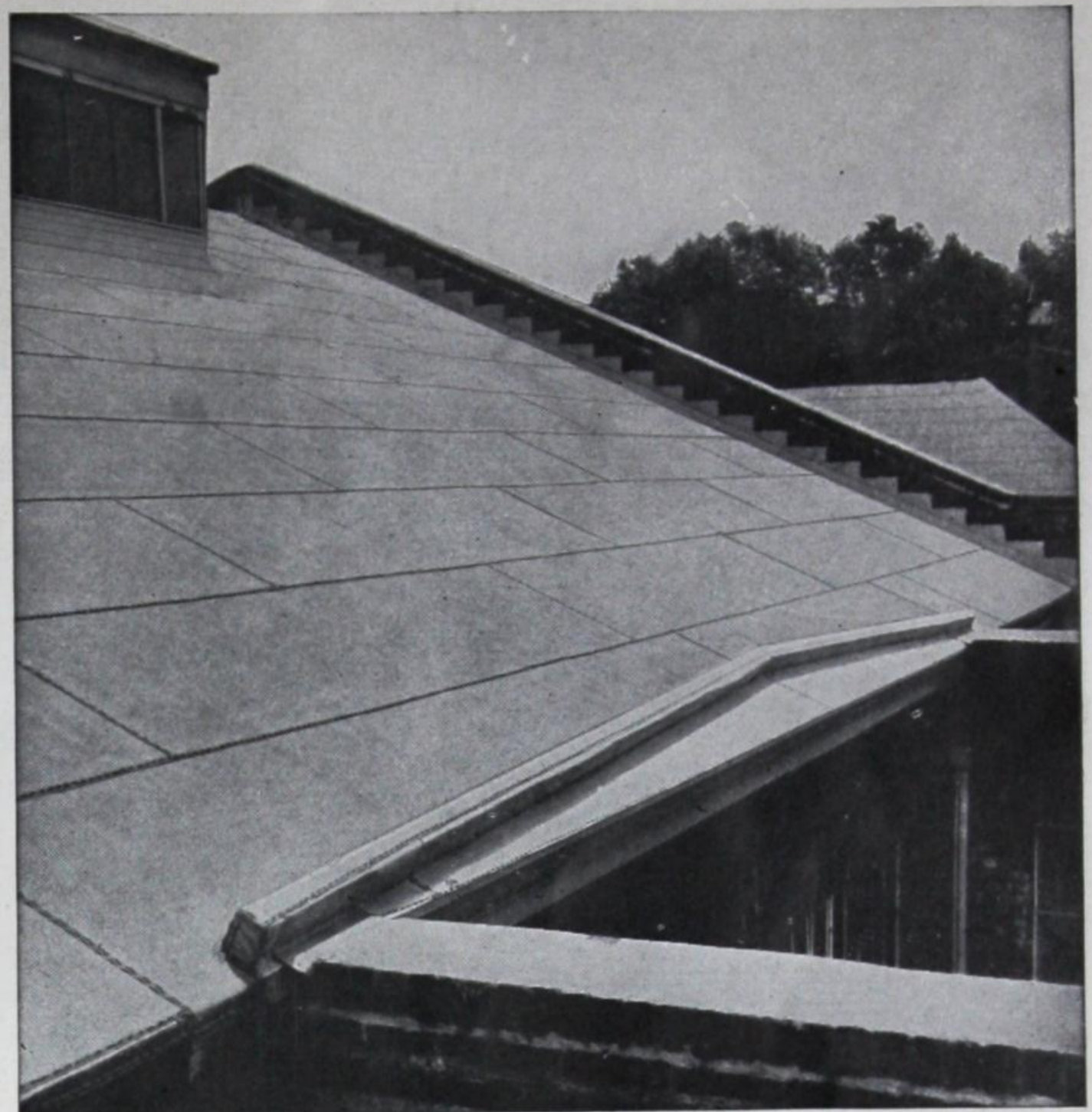
Whatever the selection may be, the user is assured of a product made to the same high standards as all the other well-known Johns-Manville building materials.

J-M ASBESTOS READY-TO-LAY ROOFINGS

J-M Asbestos Ready-to-Lay Roofings are all built on a base felt made of Canadian asbestos rock fibre—fireproof, rot-proof, weather-proof—and saturated with refined asphalts. They offer a choice between a smooth surface and one covered with colorful slate.

On a cost-per-year basis, these are by far the cheapest flexible roofings obtainable, because they withstand changes of weather and temperature; they never require periodic attention of any sort; and they combine complete protection from fire and weather with longest, most satisfactory service.

In the variety of roofings shown on these pages will be found the correct roof to fit practically any requirement of service, appearance or price.



J-M FLEXSTONE DOUBLE COATED ROOFING

For all general purposes, J-M Flexstone Double Coated Asbestos Roofing is the best selection that can be made. In the manufacture of this quality roofing, Johns-Manville uses a heavy, fireproof asbestos felt and treats it with two specially selected asphalts. One is impregnated into the felt—forced between the fibres until they will hold no more. The other forms a tough, rubbery coating over the entire felt, *on both front and back*, to protect the asphalt impregnation from the drying out action of the elements. The result is a roofing that is exceptionally heavy and extremely resistant to weather—yet very economical in cost.

Like all J-M Asbestos Roofings, Flexstone Double Coated Roofing needs no periodic attention. Because it is smooth-surfaced, it is recommended for use on steep-roofed buildings as well as on all low-pitched roofs.

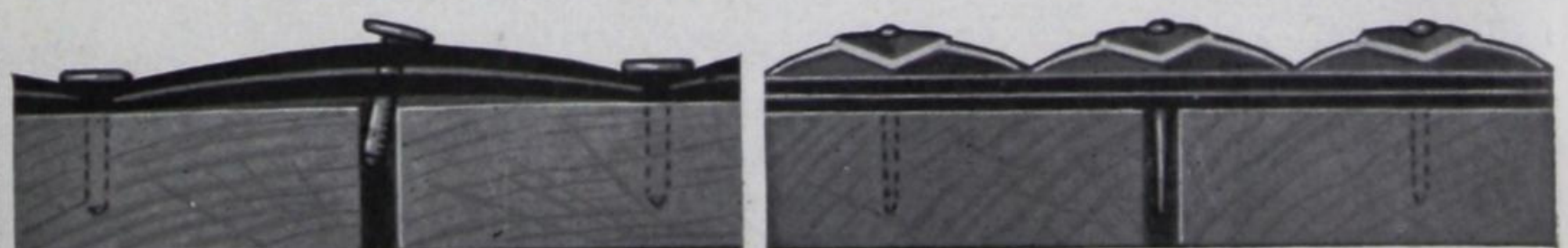


This magnified diagram of J-M Double Coated Flexstone Roofing shows how the double coating of asphalt adds substantially to the weight of the roofing itself, and protects the life-giving asphalt impregnation.

Roofing furnished in 1-square rolls, 32" wide. Weight, approximately 65 lbs. per roll. Packed with nails and cement.

ZINC PYRAMID KAPS—A non-corroding device for making roll roofing laps weather-and-water-tight. Applied continuously along the laps, they exert a strong, positive and evenly distributed pressure. Laps cannot buckle, pucker or tear away. The illustrations show the action of Pyramid Kaps compared with ordinary nailing. Furnished in strips approximately 14" long, with roofing, when specified.

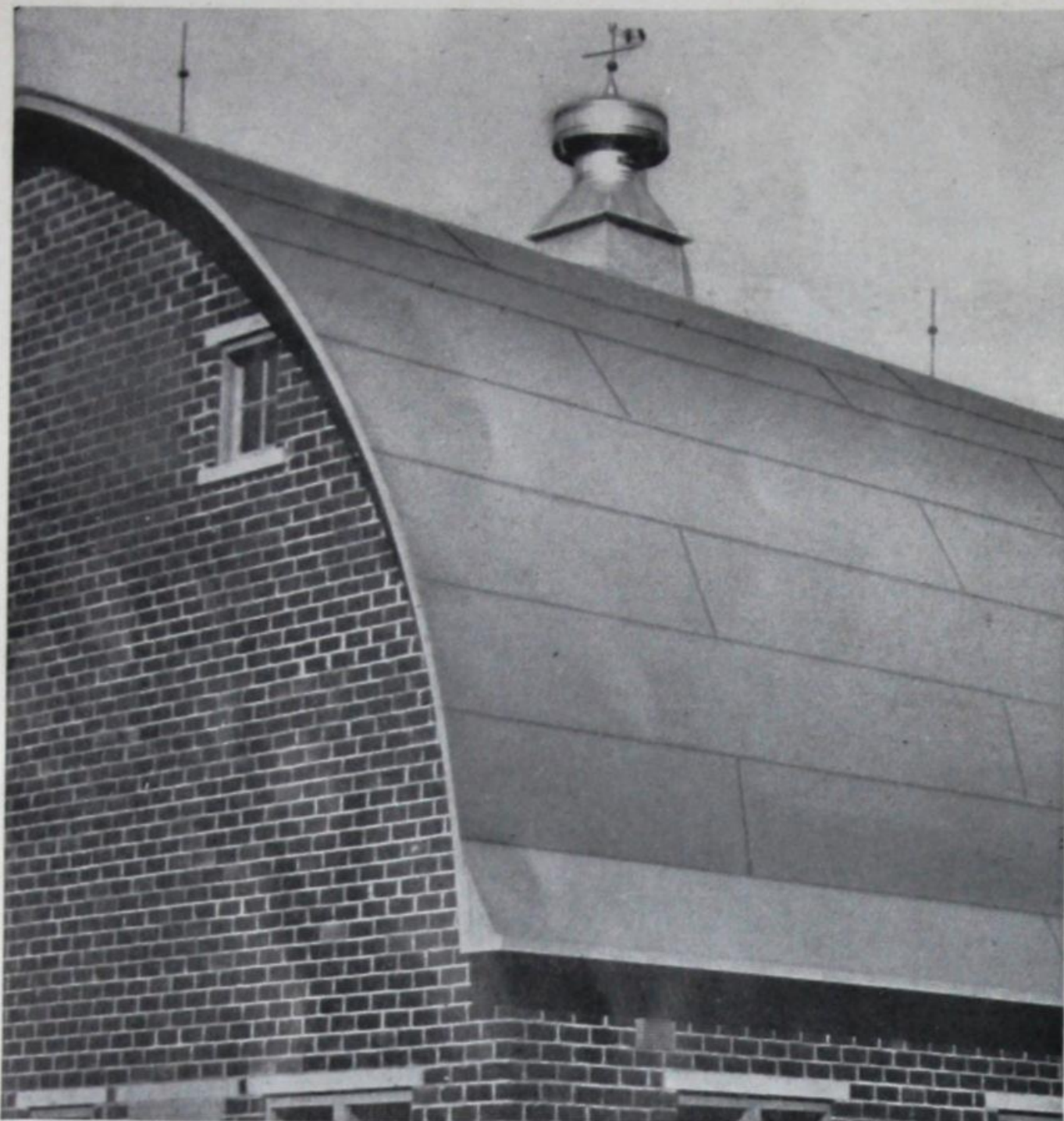
ZINC PYRAMID KAPS



Ordinary Nailing

With Pyramid Kaps

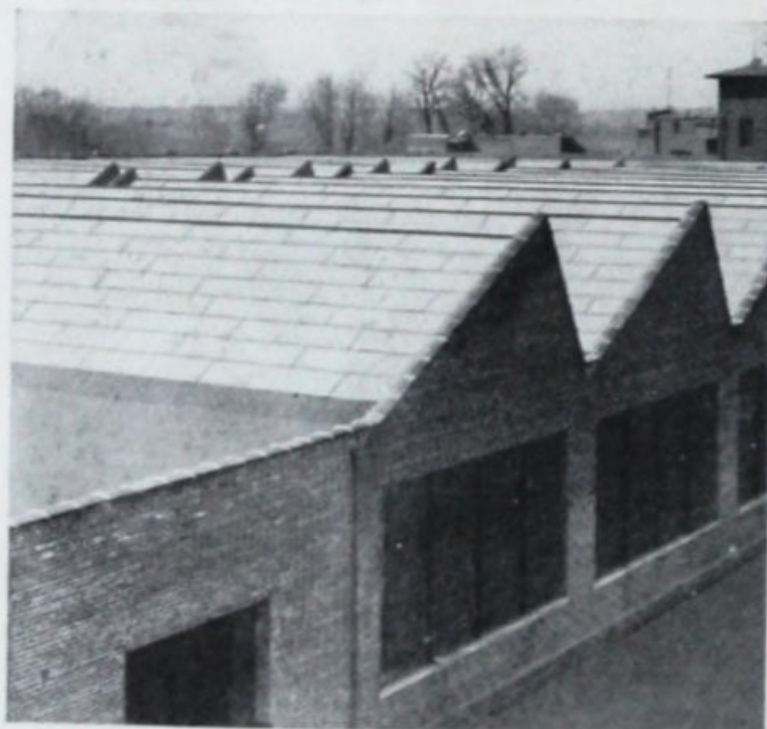
ASBESTOS ROOFINGS



J-M Asbestos Roofing is preferred in districts with inadequate fire-fighting equipment, because of its permanence and fire-protective quality.

WHITE-TOP ROOFING

White Top Roofing (Price Code F-9)—is built up of 2 plies of asphalt-saturated asbestos felts, with a white (unsaturated) asbestos felt on top, making a fireproof, weatherproof roof that is unusually attractive in appearance. Especially recommended for saw-toothed roofs and others where light reflection is desirable.



The light reflection from White Top Asbestos Roofing makes it ideal for factory buildings of this type.

Furnished in rolls and flat sheets. Rolls: containing one square. Packed with nails and cement. Weight, approximately 60 lbs. per square. Sheets: size 32" x 80". 6 sheets per square. Packed 5 squares per crate, with or without nails and cement, as specified. Weight, without nails and cement, crated, 72 lbs. per square.

FLEXSTONE SMOOTH-SURFACED ROOFING

Flexstone Smooth-Surfaced Roofing (Price Code F-11)—This roofing is composed of three plies of asphalt-saturated asbestos felt, cemented together with asphalt into heavy, strong sheets ready to nail in place. This built-up construction insures unusually long life and service, on all steep-pitched roofs.

Furnished in smooth-surface flat sheets only, size 32" x 80", six sheets per square. Packed 5 squares to the crate. Weight, approximately 60 lbs. per square, crated, without nails and cement. Shipped with or without nails and cement, as specified.

FLEXSTONE SLATE-SURFACED ROOFING

Surfaced with colorful slate, J-M Flexstone Slate-Surfaced Roofing offers the opportunity to have color in the roof, in addition to the permanence and fireproof qualities that distinguish all J-M Asbestos Roofings. It is recommended for use on pitched roofs wherever color is desired — on bungalows, barns, sheds, factories, etc. Because its colors of Red, Green and Blue-Black are natural, the roof will retain its original richness.

Packed in 1-square rolls (Price Code F-5)—32" wide, with nails and cement. Weight, approximately 85 lbs. per square. A specially designed selvage edge makes application easy and assures tight laps.

Also made 16" wide (half width) (Price Code F-6)—Two rolls, each containing 58 square feet, required per square. Packed with nails and cement. Weight, approximately 95 lbs. per square. Available with or without selvage edge, as desired.



FLEXSTONE SPLIT-SHEET

Flexstone Split-Sheet (Price Code F-7)—makes a semi-built-up roof. The large selvage and relatively small exposure provide a double thickness of material, as well as a 2" headlap. Often used as a cap sheet over built-up roofing when color is desired. Furnished in Red, Green and Blue-Black—natural, non-fading colors.

Packed in rolls weighing approximately 50 lbs. each, and containing sufficient material to cover approximately 50 square feet of weather exposure. Rolls, 32" wide; 15" slate-surfaced; 17" selvage, for cementing with asphalt.

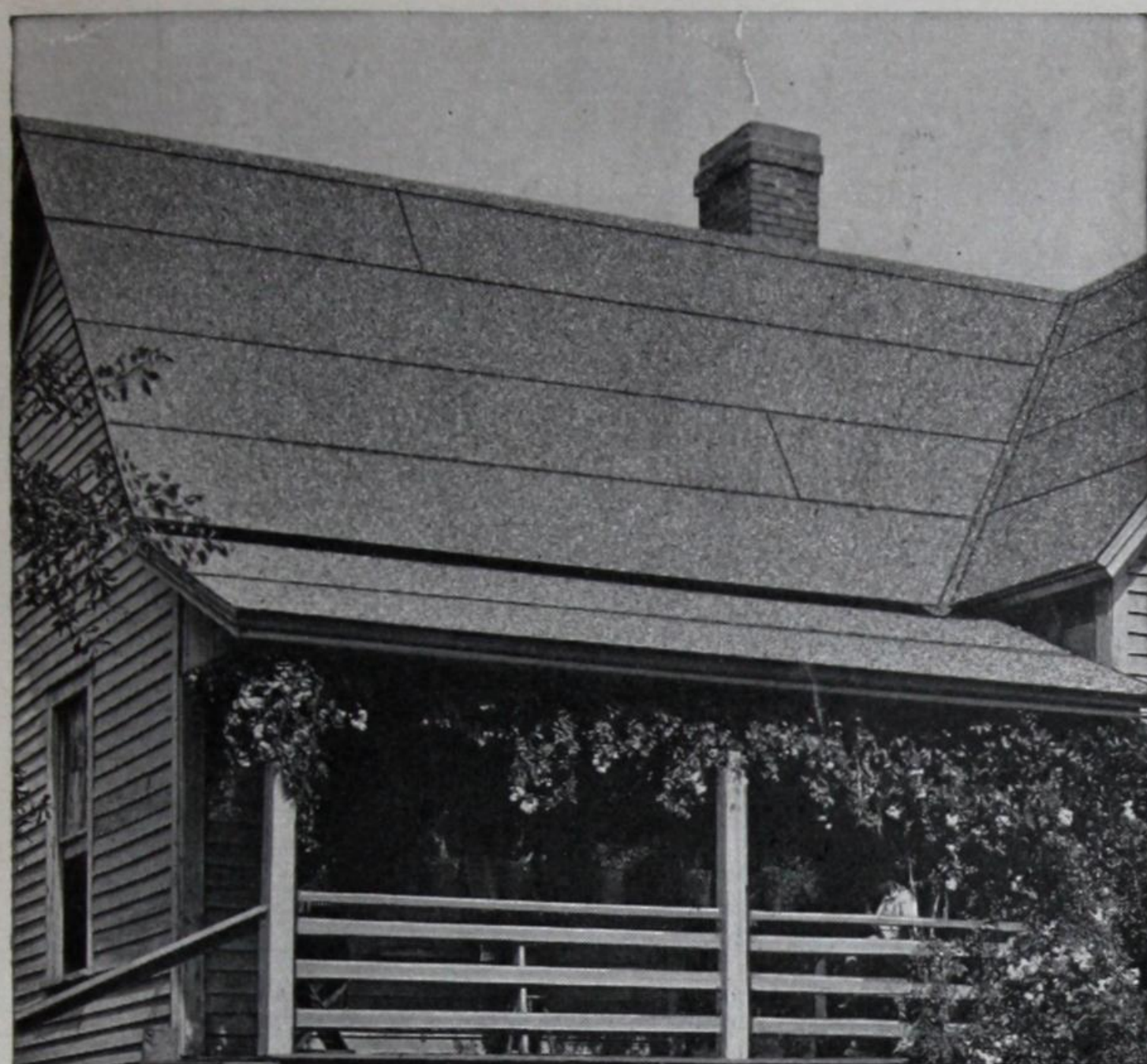


One of many mining buildings in Northern Ontario sided with J-M Asbestoside.

ASBESTOSIDE

An asbestos siding (Price Code F-10)—similar to White Top Roofing, but furnished in small-sized sheets for easy application. Widely used in Canadian mining and industrial fields because of its appearance, permanence and fire-protective quality.

Furnished in sheets only: size 16" x 50". 21 sheets per square. 5 squares per crate. Weight, approximately 72 lbs. per square, crated, without accessories.



J-M ASPHALT READY ROOFINGS

Johns-Manville Asphalt Ready Roofings, made on a base of durable felt, offer a wide choice of weights, a selection between smooth and slate surfacing, and a choice of colors, so that every demand can be met for a quality roof that is durable and attractive—yet is low in cost, and suited to the type of service expected of it.

In this line will be found materials suited for use on permanent, steep-roofed buildings, on residences, and on all temporary and semi-permanent structures.



SLATEKOTE ROOFING (Price Code S-14)—A slate-surfaced roofing made of the highest quality felts, saturated with asphalt. Provides a colorful roof at low cost, in a variety of pleasing colors. Packed in rolls 36" wide, containing 108 square feet. Weight, approximately 85 lbs. per square. Nails and cement included with roofing.

Also made in Half-Width (Price Code S-15)—18" wide. 2 rolls (each 58 square feet) per square. Packed with nails and cement.

Furnished in three colors: Red, Green and Blue-Black.

PILOT ROOFING (Price Code S-3)—A smooth-surfaced roofing of highest quality. Recommended for all permanent, steep-roofed buildings. Packed in rolls, 36" wide, containing 108 square feet. Furnished in four weights, packed with nails and cement.

Light.....Approx. 35 lbs. per square
Medium.....Approx. 45 lbs. per square
Heavy.....Approx. 55 lbs. per square
Extra-Heavy....Approx. 65 lbs. per square

SPLIT-SHEET SLATEKOTE ROOFING (Price Code S-16)—A high-grade roofing designed to provide a colorful, substantial semi-built-up roof of long life, at low cost. Also used as a cap sheet for built-up roofing, where color is desired. Packed in 1-square rolls, 36" wide, 19" selvage. Covers 51 square feet of weather area per roll. Weight, approximately 50 lbs. per roll. Furnished with Red, Green and Blue-Black color surface.

REGAL ROOFING (Price Code S-4)—A medium grade roofing. Will serve well on sheds, shops and out-buildings. Packed in rolls, 36" wide, containing 108 square feet. Packed in five weights, with nails and cement.

Light.....Approx. 35 lbs. per square
Medium.....Approx. 45 lbs. per square
Heavy.....Approx. 55 lbs. per square
Extra-Heavy....Approx. 65 lbs. per square
Super-Heavy....Approx. 75 lbs. per square

SLATEKOTE STARTING STRIPS (Price Code S-13)—Standard 85 lb. weight Slatekote Roofing cut in strips for starting shingles, lining valleys and covering hips and ridges. Packed, with fixtures, in rolls 50 feet long, 12" wide, weight approximately 35 lbs. per roll. Furnished in Red, Green and Blue-Black.

SERVICE ROOFING (Price Code S-5)—A good grade of smooth-surfaced roofing, recommended for temporary buildings and miscellaneous uses. Packed in 1-square rolls of 108 square feet, 36" wide. Furnished in five weights with nails and cement.

Light.....Approx. 35 lbs. per square
Medium.....Approx. 45 lbs. per square
Heavy.....Approx. 55 lbs. per square
Extra-Heavy....Approx. 65 lbs. per square
Super-Heavy....Approx. 75 lbs. per square

HOME INSULATION

J-M ROCK WOOL HOME INSULATION

**—the ultimate in house insulation
...cuts fuel bills as much as 35%
...makes homes up to 15° cooler
on the hottest summer days**

J-M Home Insulation is, first of all, a thick insulation—three to four inches of rock wool—a permanent, rot-proof, odorless material that is not only heat-proof but fireproof as well. Used in old or new homes, it reduces winter fuel bills as much as 35%, and makes top floor rooms up to 15° cooler on the hottest days in summer.

J-M Home Insulation is a wool actually blown from molten rock, and then either felted into bats for hand application, or nodulated for machine application. Although it is light and fluffy, it is amazing in its efficiency. Only 4 inches are equal in insulating value to 11 feet of solid stone, yet the weight of rock wool does not exceed ten pounds per cubic foot.

More than 40,000 homes and commercial buildings throughout Canada and the United States have been insulated with this J-M Rock Wool Home Insulation. There is practically no building, no matter how new or how old, that cannot be insulated with J-M Rock Wool, either in bat or "blown" form, as described below:

Here is a corner of a home under construction in which J-M Type B bats are being installed—the simplest, most satisfactory way of being sure that the home will be easy to heat in winter—cool in summer.



Insulating an open attic floor is simply a matter of placing J-M Type B bats between the beams as shown here.

J-M (Type B) HOME INSULATION

A convenient "bat" for use in new construction and in accessible portions of existing buildings.

J-M (Type B) Home Insulation is Rock Wool that has been felted and then wrapped on chipboard centers into "bats" which are 15" wide x 18" long. When placed between the studs in new construction (see photo below), they fill the spaces between the inside and outside walls with approximately 3 $\frac{5}{8}$ " thickness of a permanent, fireproof, thick insulating material. Because these bats are uniform in density, and because they cannot be installed in such a manner as to leave voids or thin spots, they give the owner fullest protection against heat loss. In addition, they reduce the possibility



J-M Rock Wool bats can be cut with a knife, sawed, or even torn with the hands to fit odd shaped spaces around windows, doorways, pipes, etc.



When pressed between the studs, the J-M Rock Wool bats fluff up. Being compact, they cannot be applied other than in uniform thickness, with no voids or thin spots.

HOME INSULATION

of fire spreading through the walls, because they block up those empty spaces which act like flues when fire starts.

These same bats should also be used under the attic floor in new construction and in existing buildings where the attic is unfloored.

Type B Home Insulation—Shipped 6 bats per package, slip-sheeted for ease in handling. One carton covers approximately $11\frac{1}{4}$ square feet of net area.

J-M (Type A) HOME INSULATION

—for use in insulating the walls and inaccessible portions of existing buildings.

Johns-Manville Type A Home Insulation is a development that makes it possible to completely insulate practically any existing building, whether of shingle, clapboard, stucco or brick. Simply by making small openings in walls or roofs, and then pumping dry rock wool through a hose into the spaces thus made accessible, the special J-M contractor equipped to do this work can fill every nook and cranny with this heat-proof, fireproof material. When the work is done, the openings are closed, and every trace of operation carefully removed.



A J-M Home Insulation crew at work. This photo shows how a house can be "blown" the J-M way from the outside. The trailer shown at the right houses the ingenious machine which forces the Rock Wool through the hose, into the empty spaces within the walls.



"Blowing" a clapboard house.



"Blowing" a shingle house.



"Blowing" a brick house.



"Blowing" a stucco house.

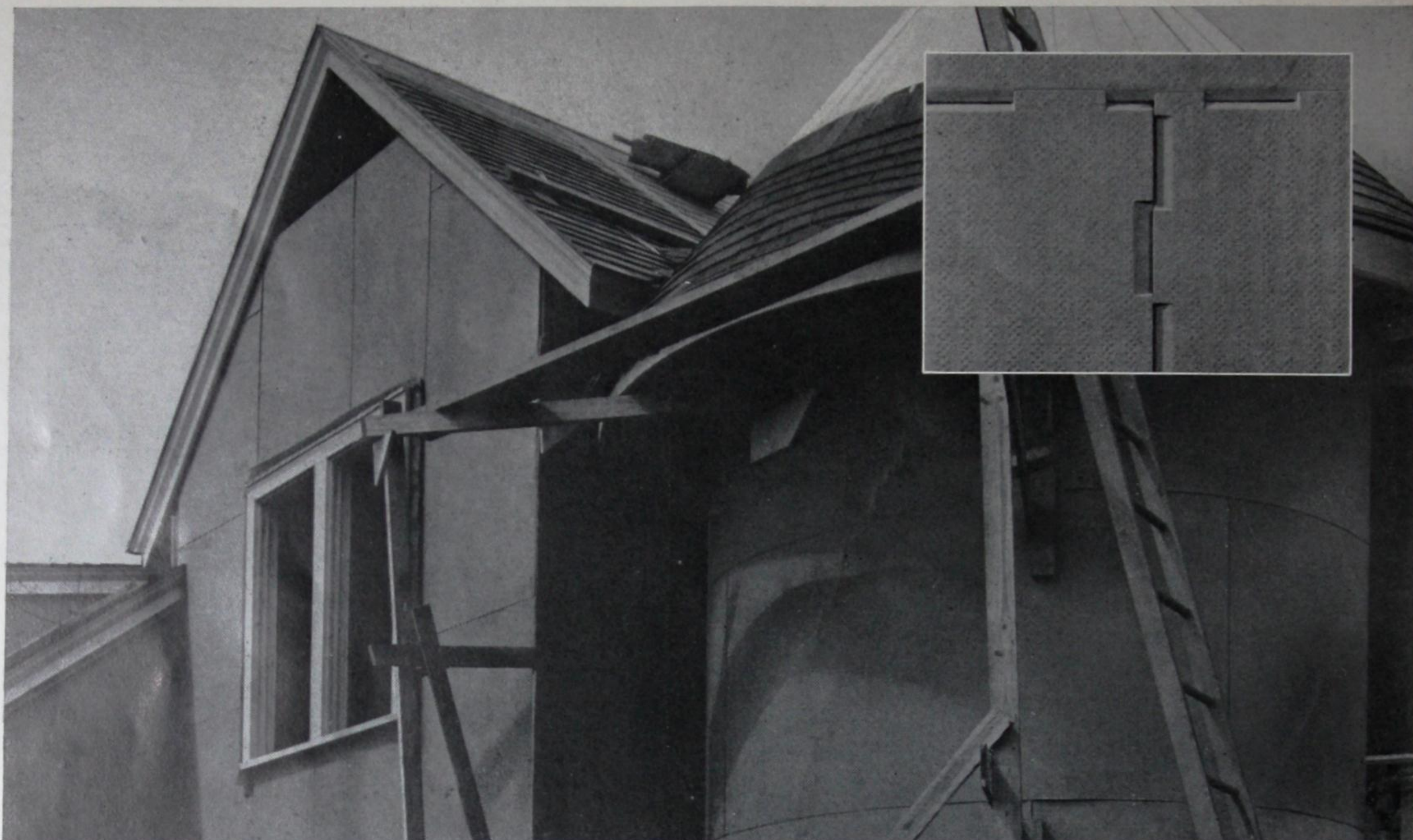
HOW J-M ROCK WOOL IS MADE



After solid rock has been melted under terrific heat, it is poured into a jet of live steam, which literally blows it into myriads of tiny, wool-like particles.



The Rock Wool emerges from the "blowing" chamber as a light, fluffy blanket, ready to be felted into "bats" or "nodulated" for installation through a hose.



J-M INSULATING BOARD

—the 2-in-1 structural and insulating material

J-M Insulating Board is a homogeneous, all-wood fibre board, combining structural strength and rigidity with high insulating value. It can be used as sheathing, roof insulation, attic lining, plaster base, interior finish, and as partitions, or wall treatment throughout the building. Its large-sized rigid sheets and easy workability materially reduce application costs.

In addition to being made in the $\frac{1}{2}$ " thickness generally used, J-M Insulating Board is made in greater thicknesses for extra insulating value and strength.

For Remodeling

J-M Insulating Board lends itself particularly to remodeling and reconstruction work. With this versatile material practically any desired

J-M Insulating Board, by actual test on the job, can be applied in one-third the time of wood sheathing. And, by actual laboratory tests with a turnbuckle, these rigid sheets excel even diagonally-applied wood sheathing in resistance to distortion. Although rigid, J-M Insulating Board can be made to conform to surfaces having a considerable curve. (Inset: J-M "V" Notch Insulating Lath, showing alternate notches which provide additional bonding surface.)

improvement can be obtained more quickly and more economically; and unused space can be made useful through the construction of play rooms and storage closets in the cellar, extra closets in the living quarters, and finished rooms in the attic.

On the Farm

More and more, the control of temperature and humidity in farm buildings is receiving the attention of the farmer. J-M Insulating Board, applied right over the interior walls, corrects unsatisfactory conditions at low cost. Used as a lining, it conserves animal heat in dairy barns, stables, brooder houses and laying houses. It is likewise useful as an insulator in ice houses and milk houses, and will help to keep any building cooler in summer.

J-M INSULATING LATH **—the ideal plaster base**

J-M Insulating Lath is Insulating Board in 16" x 48" size, with a special "V" notch and vertical end joint for easy application. Plaster bonds to it with a strength far greater than the key of plaster on wood lath. J-M Insulating Lath makes a solid, unbroken surface which prevents unsightly lath marks and also results in a saving in plaster and labor.

J-M Insulating Board—Size, 4 feet wide x 4, 5, 6, 7, 8, $8\frac{1}{2}$, 9, 10, 11, 12, 13, 14, 15, 16 and 17 feet long, in thicknesses of $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{2}$ " and 2".

J-M Insulating Lath—Size, 16" x 48", in thicknesses of $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and 1".

Johns-Manville

Decorative Interior Finishes

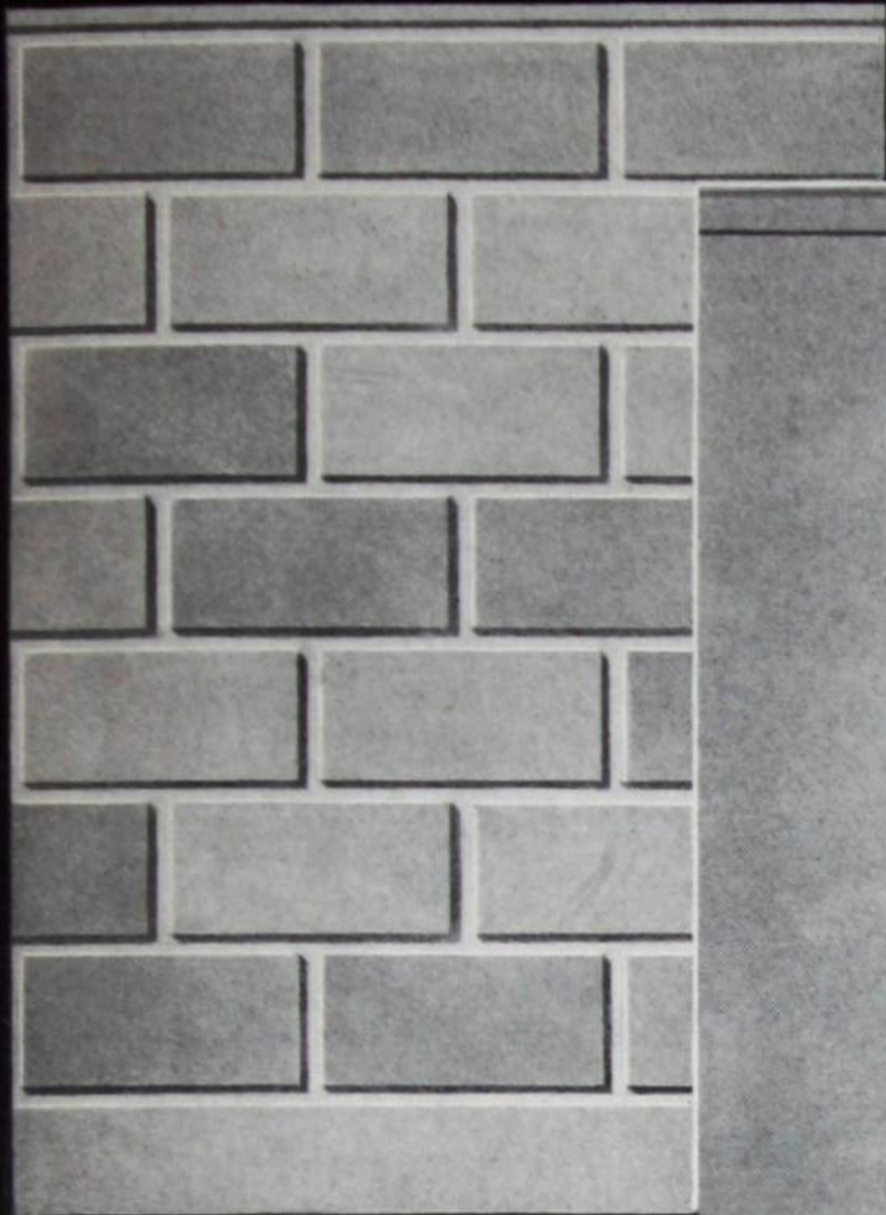


Figure 1

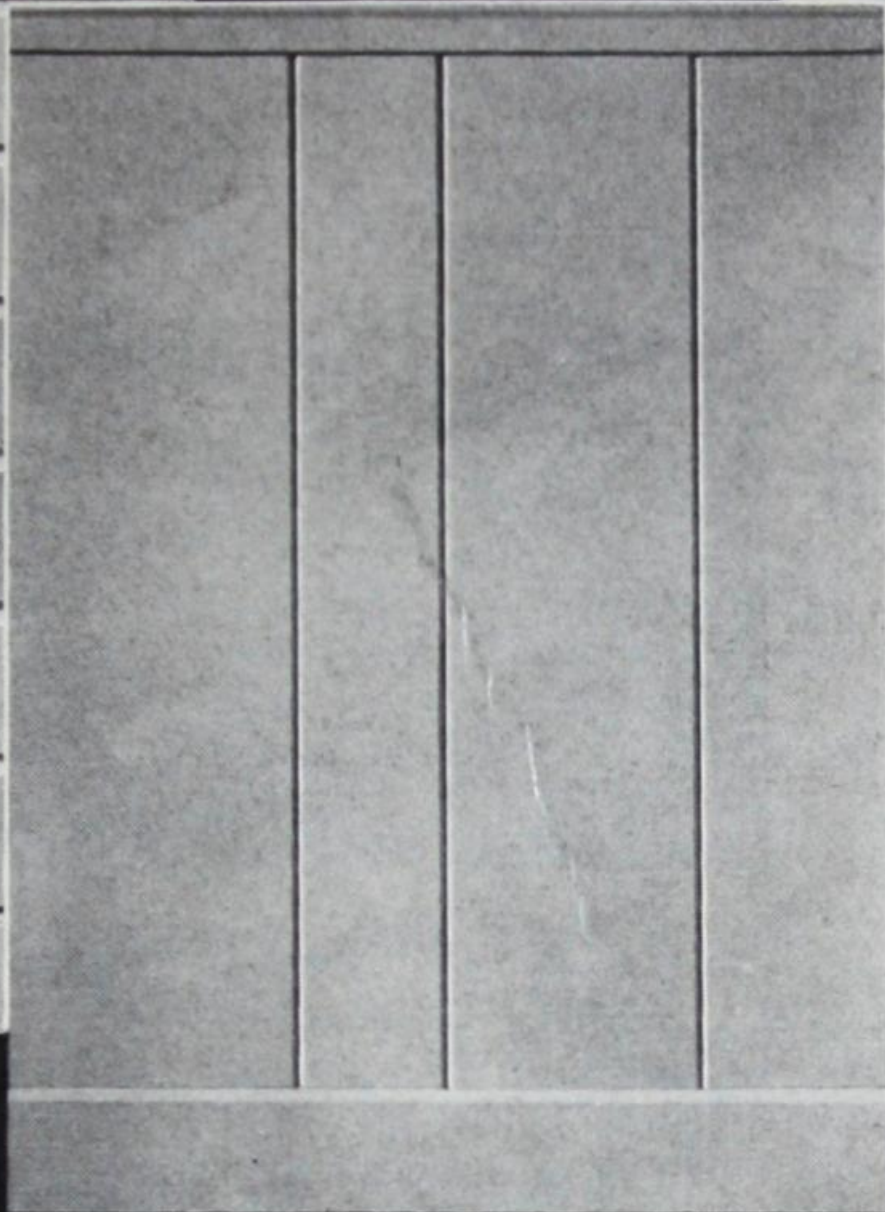


Figure 2

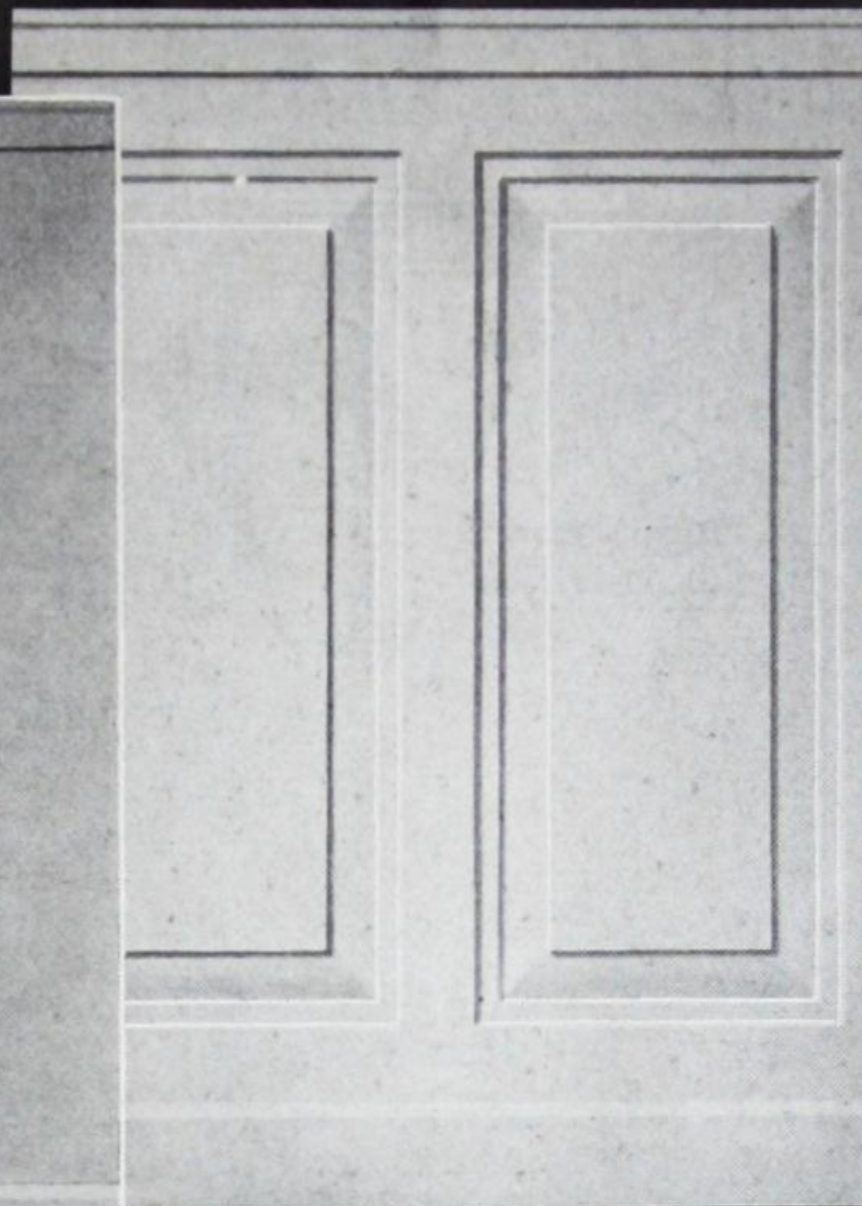


Figure 3

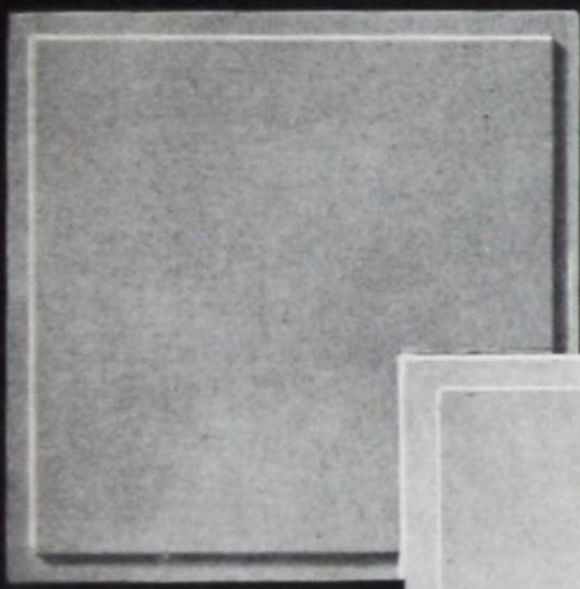


Figure 4

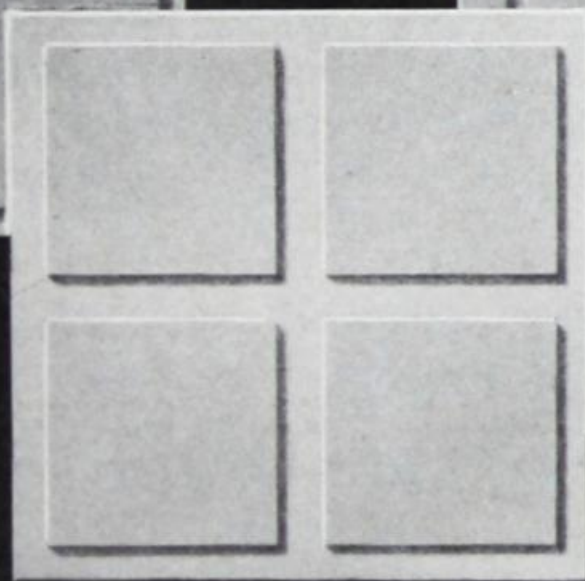


Figure 5

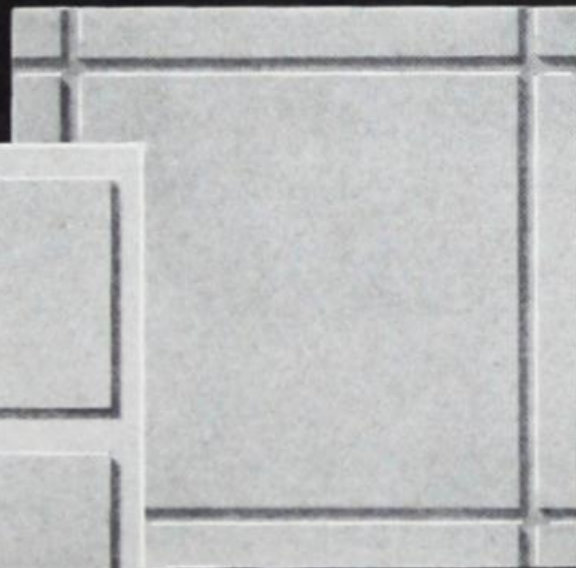


Figure 6

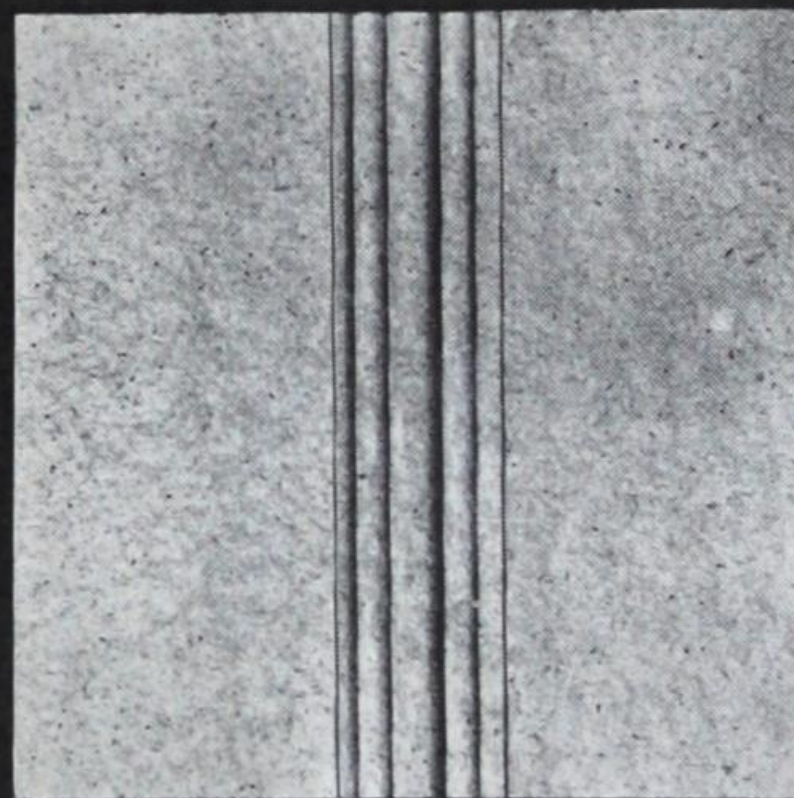


Figure 7

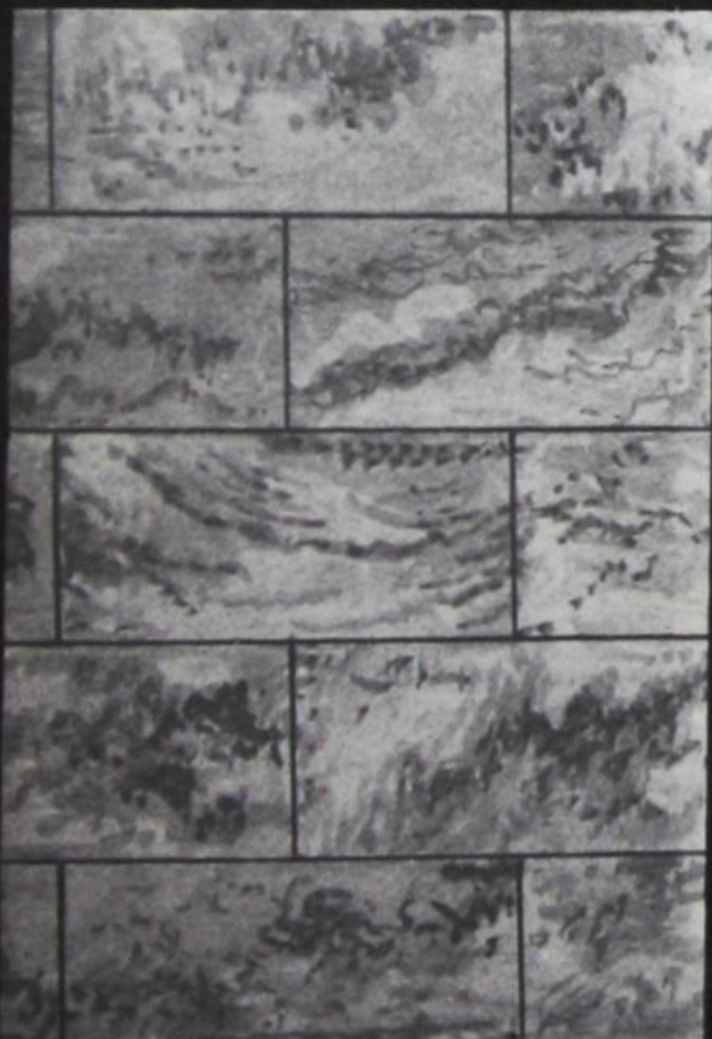


Figure 8



Figure 9



Figure 10

(1) J-M ASHLAR BLOCKS

Individual Insulating Board Tile in a variety of sizes, from which many wall and ceiling patterns can be made.

(2) J-M RANDOM WIDTH PLANK

Random-width planks of sanded Insulating Board with bevelled or open joint.

(3) J-M WAINSCOT- ING PANELS

Built on the job by using plain Insulating Board in combination with panels having chamfered edge.

(4) (5) (6) J-M DECORATIVE BOARD TILE

Ceiling Tile of Insulating Board, in units 2 feet square to reduce application costs.

(4) C-1 (5) C-2 (6) C-3

(7) J-M MOULDING EDGED PANEL BOARD

An entirely new feature—long panels, with joints masked by this attractive moulding design.

(8) J-M ITALIAN TRAVERTINE BLOCKS

Insulating Board blocks with a special finish bearing a remarkable resemblance to genuine travertine.

(9) J-M ASBESTOS WAINSCOTING

An asbestos-cement sheet wall material with a "baked-on" finish in a variety of attractive designs and colors.

(10) J-M ASBESTOS FLEXBOARD

A new, fireproof building material with almost unlimited possibilities for use. Flexible. Coloring goes all the way through.

COMPLETE INFORMATION ABOUT THESE NEW FINISHES IS GIVEN ON THE FOLLOWING PAGES.

INSULATING BOARD PRODUCTS

Many decorative effects now possible with new J-M Insulating Board Products

With its attractive buff color and pleasing surface, the new J-M Insulating Board is a decorative material in its own right. Without further finishing, other than covering or beveling the joints, it makes a wall surface that harmonizes with practically any decorative scheme.

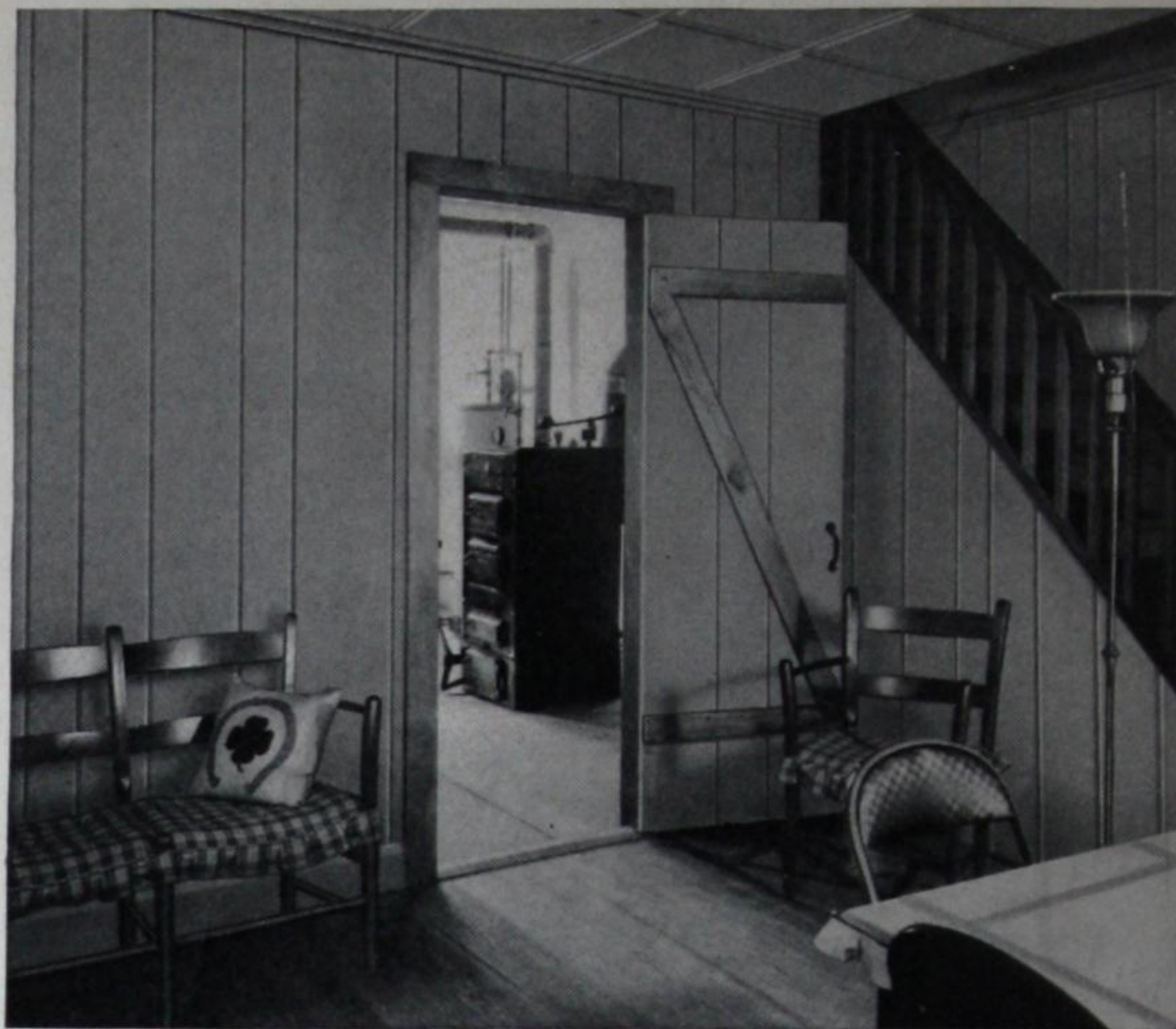
Where color is desired, the sheets are furnished already painted in a variety of 15 popular tones. Where special colors are wanted, the sheets are furnished already primed and tinted, ready for the finishing coat of enamel, paint (either oil or water), or plastic paint. The ready-painted style is known as J-M Colortex Panels; the primed style is known as J-M Color Primed Panels.

In addition, the Insulating Board is made in a darker tone, with a pleasing texture. This style is known as Buftex Insulating Board.

J-M Insulating Board can be sawed into practically any pattern, and is therefore adaptable to a variety of decorative effects. It lends itself readily to combination with other materials, either as a wainscoting itself, or with a wainscoting of other materials. For paneling, standard Insulating Board or Buftex Insulating Board can be used singly or in combination.



With J-M Colortex Panels, it is easy to construct a new room (or cover old plaster walls) and decorate at the same time, for this new material is furnished ready-painted in fifteen pleasing colors. Cut-out borders add a distinctive note.



What an addition to any home is a game room like this—realistically “boarded” with J-M Random Width Plank, and ceiling of J-M Decorative Board Tile.

Choice of joints, bevels and mouldings

The various styles of Decorative Insulating Board, which include Random Width Plank, Ashlar Block, Decorative Panel Board, Wainscoting Panels and Decorative Board Tile, may be obtained with joints, bevels and mouldings as described below (on the opposite page).

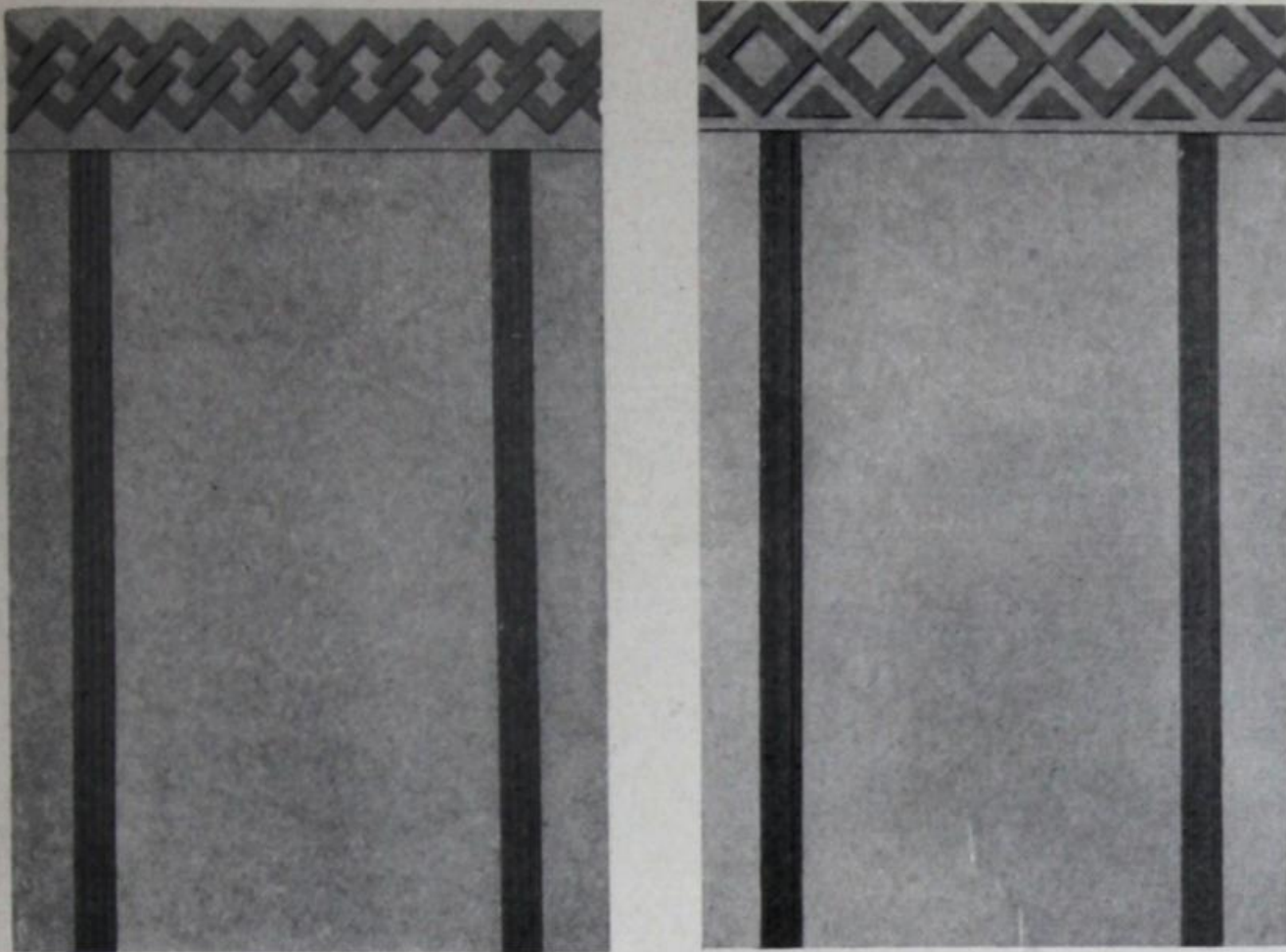
To add finish to the job, J-M supplies beveled Insulating Board Panel Strips, to cover butt joints, and also furnishes standard cap and base moulds of pleasing design. Special decorative borders, similar to those shown on these pages, can easily be made by sawing $\frac{1}{4}$ " Standard or Buftex Insulating Board to the desired pattern.

Ideal for remodeling work

Whether employed in the building of new homes or the remodeling of existing homes, stores and offices, J-M Insulating Board fills practically every need for a wall finish, from the strictly utilitarian to the highly decorative.

- J-M INSULATING BOARD (Standard and Buftex)—Size, 4 feet wide x 4, 5, 6, 7, 8, $8\frac{1}{2}$, 9, 10, 11, 12, 13, 14, 15, 16 and 17 feet long, in thicknesses of $\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$ and 2 inches. For cut-out borders, specify $\frac{1}{4}$ inch thickness.
- J-M COLORTEX AND COLOR PRIMED INSULATING BOARD PANELS—Size, 4 feet wide, up to 12 feet long x $\frac{1}{2}$ inch thickness, with square or beveled edges as specified. Cut sizes on special order.
- J-M MOULDING EDGED PANEL BOARD—In lengths up to 17 feet, and widths up to 32 inches, and thicknesses of $\frac{1}{2}$ to 2 inches. Width of moulding design, 2 inches. (See page 23 for detail.)
- J-M RANDOM WIDTH PLANK—Sizes up to 17 feet long x 6, 8, 10 and 12 inches wide, with one or both long edges beveled. Specify shiplap or tongue-and-groove. (See page 23.)
- J-M WAINSCOTING PANELS—Built up on the job with Insulating Board or Buftex Insulating Board in combination with Insulating Board Panels in design J-M—7. (See page 23), in widths of 16, 24 and 32 inches, and thicknesses of $\frac{1}{2}$ to 2 inches.
- J-M ASHLAR BLOCK—On order, in pieces having area not exceeding 4 square feet, with no dimension greater than 24 inches, including the joint. Specify whether shiplap or tongue-and-groove; also whether open or butt joint. (See page 23.)
- J-M DECORATIVE BOARD TILE—24 inches x 24 inches, in designs C-1, C-2 and C-3. (See page 21.) Specify whether open or butt joint, also whether shiplap or tongue-and-groove. (See page 23.)
- J-M ITALIAN TRAVERTINE BLOCKS—Furnished in sizes to order for coursed or random ashlar treatment. Specify shiplap or tongue-and-groove. (See page 23.)
- J-M SPECIAL BORDER MATERIAL—In sheets 2 feet wide x 4 feet long, $\frac{1}{4}$ inch thick.
- J-M DECORATIVE BASE STRIPS—5 inches wide x 8 feet long.
- J-M DECORATIVE CAP STRIPS— $2\frac{1}{2}$ inches wide x 8 feet long.

INSULATING BOARD PRODUCTS



These two panels illustrate some of the decorative possibilities of J-M Insulating Board. For the walls, either Standard or Buftex Insulating Board can be used, with Standard J-M Base and either Standard or specially designed moulding. The panel at the right features J-M Moulding Edged Panel Board.



In places where the appearance of stone is desired, as in restaurants, banks, foyers, hallways and public buildings, J-M Italian Travertine Blocks provide the desired effect at a fraction of the cost.

It is ideal for the construction of furnace rooms, play rooms, nurseries and extra rooms in the attic, and for re-finishing over old walls.

Special ceiling effects with Decorative Board Tile

To complete the harmonious decoration of the room, Johns-Manville has designed a series of Decorative Board Tile, 24" square, for use on the ceiling. These attractive Tile can be applied right over old, cracked plaster—a feature which makes them extremely valuable in remodeling work of many kinds, especially since the cost of material and labor is much lower than that for a new lath and plaster job and compares favorably with that for metal.



The three designs in which J-M Decorative Board Tile is made are shown on page 21.

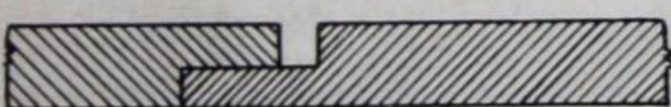
J-M Ashlar Blocks were used in this office in combination with Buftex Insulating Board walls.



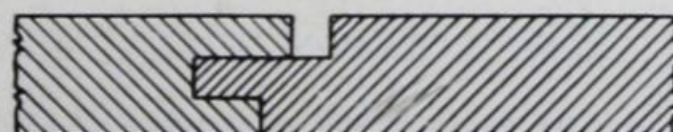
This attractive ceiling of J-M Decorative Board Tile was actually nailed on over the old plaster at a very great saving over the cost of re-plastering.

Joints and Mouldings in which J-M Insulating Board is furnished

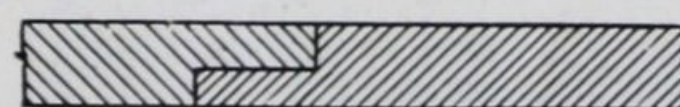
J-M ASHLAR BLOCKS AND DECORATIVE BOARD TILE



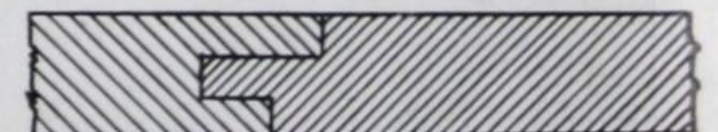
Style J-M—1
Open joint, shiplap. $\frac{1}{2}$ " and $\frac{5}{8}$ " only.



Style J-M—2
Open joint, tongue-and-groove. $\frac{3}{4}$ " to 2".

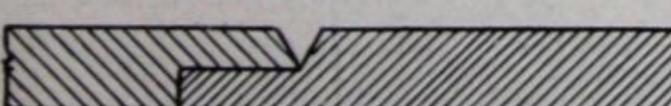


Style J-M—5
Butt joint, shiplap. $\frac{1}{2}$ " and $\frac{5}{8}$ " only.

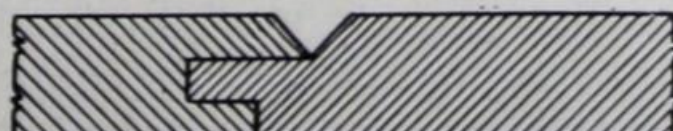


Style J-M—6
Butt joint, tongue-and-groove. $\frac{3}{4}$ " to 2".

J-M RANDOM WIDTH PLANK

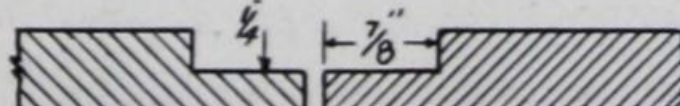


Style J-M—3
Beveled edge, shiplap. $\frac{1}{2}$ " and $\frac{5}{8}$ " only.



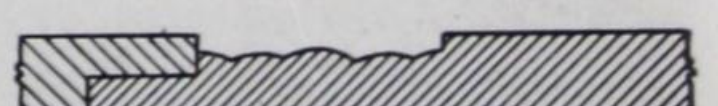
Style J-M—4
Beveled edge, tongue-and-groove. $\frac{3}{4}$ " to 2".

J-M WAINSCOTING PANELS



Style J-M—7
Chamfered edge for flush or semi-flush mould. $\frac{1}{2}$ " to 2".

J-M MOULDING EDGED PANEL BOARD



Style J-M—8. $\frac{1}{2}$ " to 2".

ASBESTOS FLEXBOARD

J-M ASBESTOS FLEXBOARD

A flexible asbestos-cement sheet that can be sawed and nailed like wood. A fireproof, rot-proof, permanent material that can be installed in either decorative or standard finish at remarkably low cost.

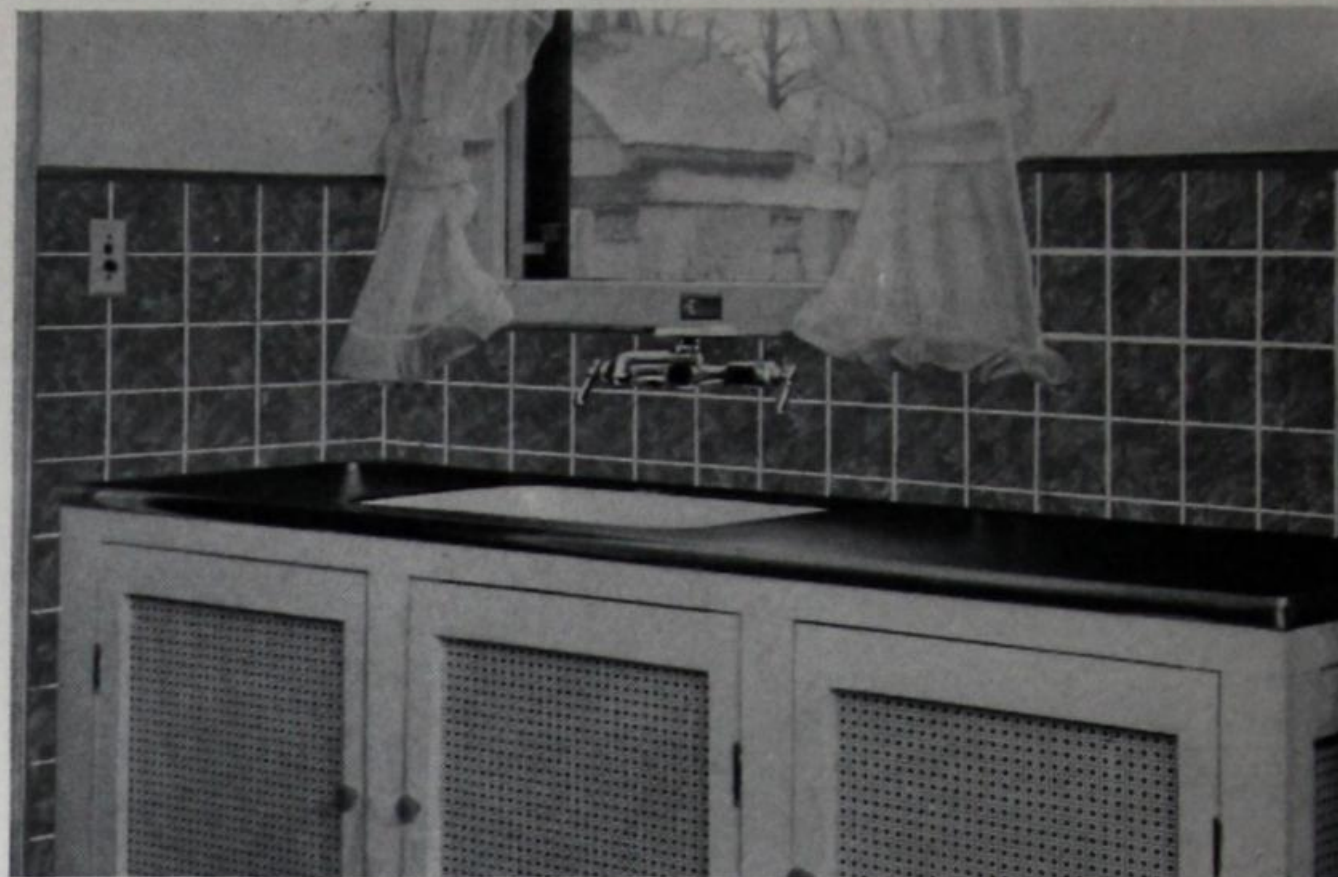
HERE is an amazing new building material just developed by Johns-Manville! J-M Asbestos Flexboard — a fireproof, permanent, asbestos-cement sheet, so flexible that it can be made to conform to surfaces having a considerable curve; so workable that it can be sawed and nailed like wood; and so easy to handle that it can be applied as quickly and easily as any fibre board. Because of all these advantages, and because the material itself is so inexpensive, jobs done with J-M Asbestos Flexboard are amazingly low in cost.

J-M Asbestos Flexboard is made in two styles; one designed to provide colorful, sanitary, decorative wall finishes in homes, offices, stores or public buildings; the other to fill a wide range of utilitarian uses.



Above: "KEYHOLE BAR," HOTEL MONTCLAIR, NEW YORK CITY, designed by Tony Sarg, famous artist.

The ability of J-M Asbestos Flexboard to conform to curved surfaces is well illustrated here, both by the bar and by the arch over the mirror. The walls also are of Flexboard, and will be decorated with a series of murals by Mr. Sarg.



These two photographs illustrate how ideally J-M Decorative Asbestos Flexboard is suited for the construction or remodeling of homes and stores. There are also many other places where a decorative finish is not required, but where a material with the characteristics of Flexboard is needed. For these uses, specify J-M Standard Flexboard—an unpolished, buff-colored sheet.

J-M DECORATIVE FLEXBOARD A distinctive finish for new and old work

For decorative use, J-M Decorative Asbestos Flexboard is furnished in plain and scored sheets, $\frac{1}{8}$ " thick, with a factory-applied wax finish. Simply by applying the large sheets over J-M Insulating Board in new construction, or right over the old plaster walls in existing buildings, you can have a distinctive, permanent wall finish that can be easily cleaned with a damp cloth, or made more lustrous by polishing with any good household wax.

Remarkably resistant to wear! Colors go all the way through!

J-M Decorative Asbestos Flexboard is so hard that only excessive abuse can mar it. Because the coloring is an integral part of the material itself, there is nothing on the surface to chip, crack or craze. Should the lustre of the wax finish become impaired by direct contact with steam or hot water, a simple polishing with household wax will be all that is necessary to restore its original beauty.

YOUR CHOICE OF THESE ATTRACTIVE COLORS IN J-M DECORATIVE FLEXBOARD—TILE AND PLAIN DESIGN



Green

Always a congenial color, it is given new charm by the natural texture of J-M Asbestos Flexboard.



Rose

Has all the richness of marble, but with a texture that is characteristic only of J-M Flexboard.



Buff

A cheery, yet quiet shade that permits almost any decorative scheme to be displayed to best advantage.

Wherever a colorful, decorative and sanitary finish is desired—in kitchens, lavatories and laundries; in corridors, lobbies, restaurants and show rooms; in beauty shops and markets of every description,—this new Johns-Manville Decorative Flexboard will save you money. Furthermore, you have the choice of tile or plain design, in four beautiful pastel shades of Green, Buff, Rose and Slate.

J-M STANDARD FLEXBOARD

For a wide range of utilitarian uses

J-M Standard Asbestos Flexboard is made exactly like the decorative material, but is furnished only in unpolished, buff-colored sheets, scored or unscored, as indicated below. It is ideal for many uses, such as partitions, door casings, base boards, table tops, fireproof storage rooms and laundries; for constructing and lining summer bungalows, roadside stands, overnight cabins and boat houses; for lining truck bodies, concrete forms, elevator shafts and fur storage vaults; for lining farm buildings such as chicken coops, brooder houses and milk houses. Where plaster is badly cracked or falling off, it can be applied right over the old walls and kalsomined. For special tile effects, the scored sheets can be painted to suit.

DECORATIVE

Scored: 4' x 4' x 1/8" Plain: 4' x 8' x 1/8"

STANDARD

(Not waxed. Buff only. Can be painted.)

Scored: 4' x 4' x 1/8" Plain: 4' x 8' x 1/16", 1/8" and 3/16"



Slate

A beautiful tone of gray with a subtle tinge of purple. Very effective for foyers and corridors.

Because it is made of asbestos and cement—each an imperishable mineral—there is nothing in J-M Asbestos Flexboard to rot or disintegrate, or to attract rodents or vermin. Where protection from heat or cold is wanted, J-M Asbestos Flexboard should be applied in conjunction with J-M Insulating Board or J-M Rock Wool Home Insulation.

BUILDING ACCESSORIES

J-M BUILDING ACCESSORIES

The construction of every building requires the use of certain accessory materials, such as sheathing paper, asphalt felt, tarred felt, deadening felt, etc.

Johns-Manville provides a complete line of these materials, making it possible to obtain from the one dependable source, a very large part of the total requirements for any building—each material backed by over half a century of experience in the manufacture of building materials.

From the J-M products listed below, a suitable material can readily be selected to meet any requirement of service or price.

ASBESTOS FELT (Asphalt Saturated)—(Price Code B-2)—For sheathing houses and as a liner under shingles, slate or tile. Made of high grade Asbestos Felt, saturated with asphalt. Furnished in rolls containing three squares, weighing approximately 60 lbs. per roll.

ASBESTOS FELT (Tar Saturated)—(Price Code B-13)—A high quality Asbestos Felt, tar saturated, inexpensive, for sheathing houses and as a liner under shingles, slate or tile. In rolls containing four squares, weighing approximately 60 lbs. per roll. Also made in rolls containing 400 sq. ft., weighing approximately 50 lbs. per roll.

SUPER REGAL SHEATHING (Price Code T-2)—A heavy weight sheathing, made of prepared roofing, saturated and coated. Packed in rolls of 200 sq. ft., 36" wide, weighing approximately 50 lbs. per roll.

REGAL SHEATHING (Price Code T-1)—A high grade sheathing coated on one side. Also used as a half-ply ready roofing. Packed in rolls of 200 sq. ft., 36" wide, weighing approximately 30 lbs. per roll.

ASPHALT FELT (Price Code B-8)—For lining under Asbestos Shingles, slate and tile roofs. Used as a sheathing and in built-up roofs. Furnished 36" wide, in three weights: 10 lb. weight felt contains 432 sq. ft., weighing approximately 44 lbs. per roll; 15 lb. weight felt contains 432 sq. ft., weighing approximately 65 lbs. per roll; 30 lb. weight felt contains 216 sq. ft., weighing approximately 65 lbs. per roll.

ASPHALT SATURATED SHEATHING PAPER (Price Code T-3)—A low priced sheathing paper for houses, barns and sheds. Made in one grade, No. 2. Furnished in rolls containing 400 sq. ft., 36" wide, weighing approximately 25 lbs. per roll.

TARRED ROOFING AND SHEATHING FELTS (Price Code B-10)—High quality felts, for general sheathing paper purposes and built-up roofing. Furnished in four weights, 32" wide. 7 oz.



weight felt contains 400 sq. ft.; 10 oz. weight felt contains 300 sq. ft.; 16 oz. weight felt contains 200 sq. ft.; and 15 lb. containing 432 sq. ft.

TARRED SHEATHING PAPER (Heavy)—(Price Code T-4)—A good grade sheathing for general use in building construction. Furnished in rolls 36" wide, 400 sq. ft., per roll, weighing approximately 45 lbs. per roll.

TARRED SHEATHING PAPER (Price Code T-5)—Low priced tarred sheathings for general use. Made in one grade, No. 2, in rolls 36" wide. 400 sq. ft., per roll, weighing approximately 25 lbs. per roll.

DRY SHEATHING PAPER (Heavy)—(Price Code T-6)—A good grade of heavy weight sheathing. Furnished in rolls 36" wide, containing 400 sq. ft., per roll, weighing approximately 38 lbs. per roll.

STANDARD DRY SHEATHING (Price Code T-7)—A light-weight building paper for general use. Made in one grade, No. 2. Furnished in rolls 32" and 36" wide, containing 400 sq. ft., per roll, weighing approximately 15 lbs. per roll.

CARPET FELT (Price Code T-8)—A high quality unsaturated felt for use in walls and floors to keep out sounds and drafts. Also used under linoleum. Made in two weights, 36" wide. Rolls contain 50 sq. yards. Light weight, 16 oz. per sq. yd., weighing approximately 50 lbs. per roll. Heavy weight, 24 oz. per sq. yd., weighing approximately 75 lbs. per roll.

WEATHERTITE BUILDING PAPER (Price Code B-11)—A strong kraft building paper, asphalt saturated and coated. 36" wide. Furnished in 500 sq. ft. rolls, weighing approximately 45 lbs. per roll, and 250 sq. ft. rolls, weighing approximately 23 lbs. per roll.

WAXED SHEATHING PAPER (Price Code B-12)—Furnished in rolls 36" wide, containing 450 sq. ft., per roll. Light weight, 9 lbs. per roll; Medium, 12½ lbs. per roll; Heavy, 18 lbs. per roll.

ROOF COATINGS, PUTTIES, etc.

J-M ROOF COATINGS, PUTTIES, CEMENTS AND WATERPROOFING MATERIALS

Johns-Manville manufactures a complete line of repair and waterproofing materials, including roof coatings for the restoring of wood, metal and composition roofs; putties for patching and pointing up roofs and walls; and waterproofing materials for both foundation and roofing work.

Each material has been developed for the specific service it must give, and has been proved most effective over long periods of actual use.



ASBESTOS FIBROUS ENAMEL (Price Code No. C-1)—A high grade roof coating made of asbestos fibre and asphalt of the right consistency for brush application. For coating old roofs of all kinds with durable covering. The asbestos fibres increase its cohesiveness and enable the material to bridge cracks, nail holes, etc. Asbestos Fibrous Enamel does not change its characteristics over a period of time but remains waterproof and plastic, expanding and contracting with the underlying surface. It sticks tightly to metal, felt, wood or glass. It is unaffected by acid or alkali fumes found in certain atmospheres. Furnished in 1, 5, 25 and 50 gal. containers.

REGAL ROOF COATING (Price Code No. C-2)—A non-fibrous asphalt coating for all kinds of roofs. Prolongs the life of roofing by penetrating the body, filling the voids and restoring its waterproof qualities. Furnished in 1, 5, 25 and 50 gal. containers.

AQUADAM (Price Code C-20)—A black, elastic, tacky material for cold application, used to keep dampness out of masonry, hollow tile, etc. Also used as a coating for sides and back of cut stone to prevent discoloration from alkali in the cement. Applied to the inside of exterior walls, it provides a damp-proof film and prevents air infiltration. Furnished in 1, 5, 25 and 50 gallon containers.

ASBESTOS ROOF PUTTY (Price Code No. C-4)—A waterproofing cement for patching leaky roofs, constructing and repairing flashings, setting flashing flanges around vent pipes, etc. Also used as a filler for cracks in promenade tile roofs and for damp-proofing masonry walls. Furnished ready for use. Do not add anything to it. Keep tightly covered when not in use. Made in black only. Furnished in 1, 5, 10, 25, 50, 100, 300 and 500 lb. containers.

ASBESTOS CAULKING PUTTY (Price Code No. C-5)—A plastic asbestos waterproofing material which will not dry out. For setting wood and metal door frames, skylights, scuttles, copings, etc., for pointing up cracks in masonry, and for miscellaneous caulking. Made in black and gray. Black furnished in 100, 300 and 500 lb. containers. Gray furnished in 1, 5, 15, 35, 75, 150 and 450 lb. containers.

LAP CEMENT (Price Code No. C-3)—Similar to the cement packed in each roll of prepared roofing, but put up in various size packages for use when roofing is shipped without accessories. Furnished in 1 pint; 1, 5, 25 and 50 gal. containers.

ASBESTOS WAINSCOTING

J-M ASBESTOS WAINSCOTING

**A sheet wall material in tile and
marbleized designs, and in
color panels.**

Colorful, sanitary, low in cost.

Johns-Manville Asbestos Wainscoting is a sheet wall material made of asbestos fibres and Portland cement, with a special "baked-on" finish that stands up under all normal conditions of service. It will not spot or stain, and its original freshness can be restored by a simple wiping with a damp cloth or a cleansing with soap and water.

In its three styles, Marbleized, Tile Design and Color Panels, J-M Asbestos Wainscoting provides all the appearance and advantages of tile or marble—yet it can be applied with ordinary carpenters' tools. For this reason, it is ideal both for new construction and remodeling work.

Marbleized Wainscoting

From four of the finest quarries, Johns-Manville has selected the most perfect marble specimens obtainable, and has so authentically reproduced their surface detail that it is almost impossible to



distinguish the Wainscoting from the actual marbles themselves. In foyers, banks, smart shoppes and sales rooms—wherever the effect of marble is desired—Johns-Manville Marbleized Asbestos Wainscoting answers every requirement at only a fraction of the cost. It is available in the four designs illustrated below: Verde Antique, Breche Rose, Jaune Fleuri, Black and Gold.

**VERDE
ANTIQUE**

•

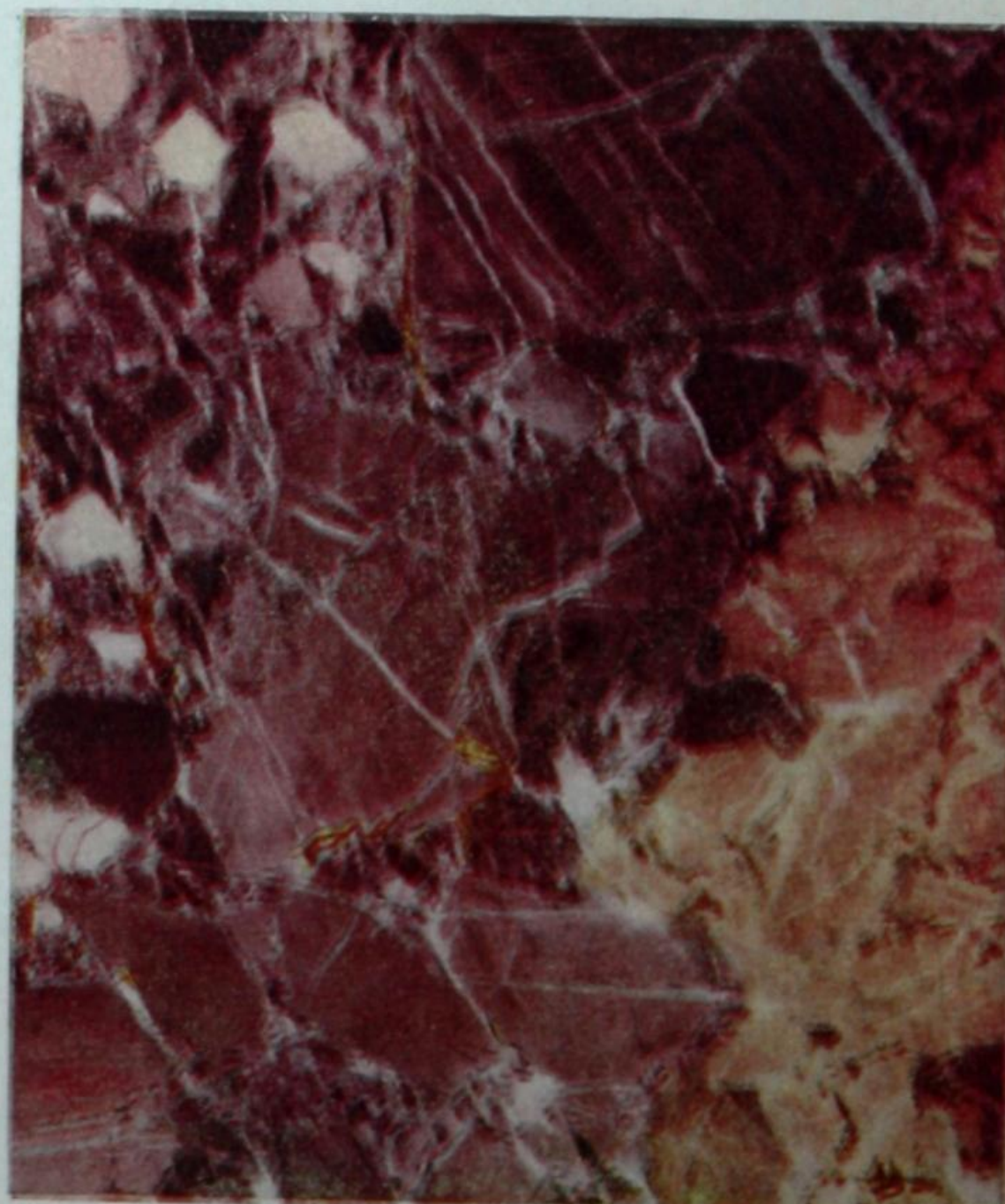
**BRECHE
ROSE**

•

**JAUNE
FLEURI**

•

**BLACK
&
GOLD**



ASBESTOS WAINSCOTING

Tile Design

In the tile design, J-M Asbestos Wainscoting gives the effect of 4-inch square tile set in soft-hued gray cement. Its "baked-on" surface is the result of long experiment by Johns-Manville Research Engineers, in collaboration with many leading laboratories. Accelerated tests indicate that this product is superior to any other similar material now on the market.

A unit from cap to base

The application of J-M Tile Design Asbestos Wainscoting is now simpler than ever, for the cap and base, although different in color, have been made an integral part of the sheet itself—an improvement that reduces application costs to the minimum. If desired, the tile sheet can be supplied with cap and base separate.

J-M Tile Design Asbestos Wainscoting is furnished in Ivory, White, Light Blue and Light Green, all having the new combination cap and base in Black, or with the cap and base furnished separate in the colors of the tile and in Black.

Color Panels

J-M Asbestos Wainscoting is also available in sheets of clear "baked-on" color—Ivory, White, Light Blue and Light Green—without the tile design, in keeping with many modern decorative requirements. In this style, the cap and base are furnished separate in matching colors and in Black, and are rabbeted to receive the sheets.

J-M Asbestos Wainscoting—Size, 32" x 48" x $\frac{1}{4}$ ". Weight, approximately 3 lbs. per square foot. Packed six sheets to crate, weighing approximately 200 lbs. gross. Asbestos cap ($1\frac{1}{8}$ " x 48" x $\frac{1}{2}$ "), and, for marbled style (3" x 48" x $\frac{1}{2}$ "). Asbestos base (6" x 48" x $\frac{1}{2}$ ").

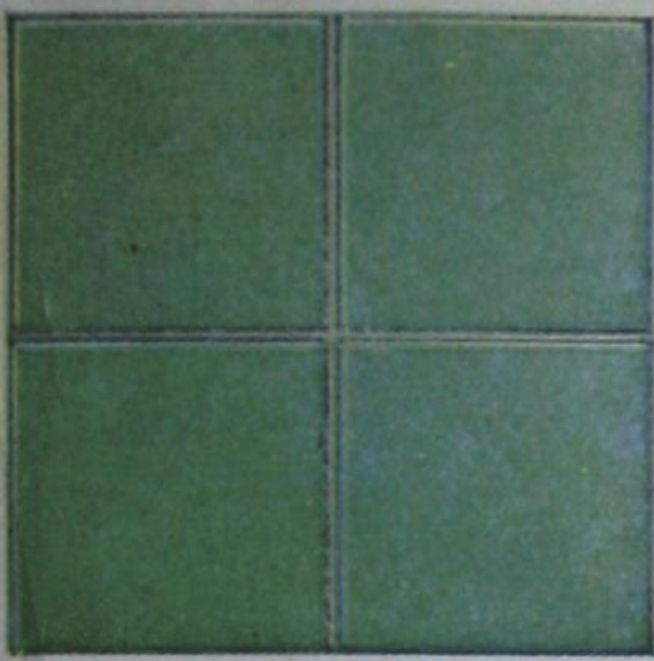
J-M Asbestos Wainscoting (Combination Type)—Size, 32" x 50 $\frac{3}{4}$ " x $\frac{1}{4}$ ". Weight, approximately 212 lbs. gross. Special outside corner strip 50 $\frac{3}{4}$ " long.

Standard inside and outside corner strips and straight joint strips furnished in sections 48" long. Lacquer enamel for touching up nail heads furnished in $\frac{1}{8}$ pint cans.

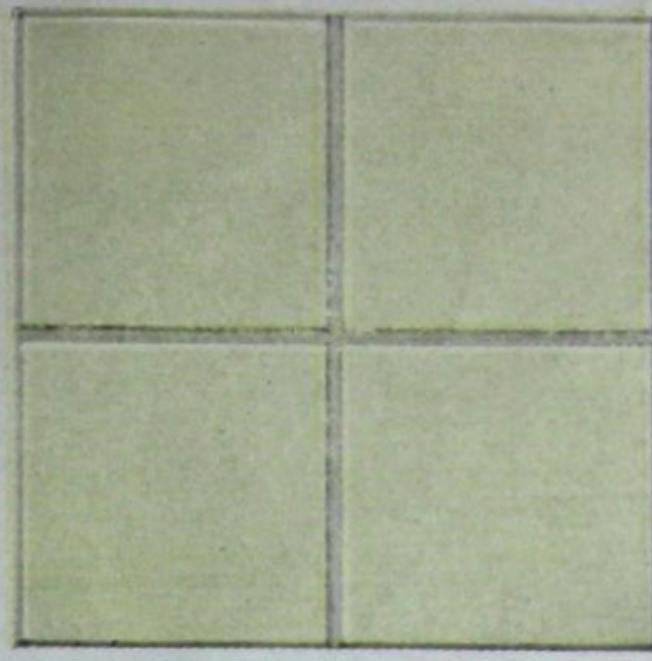
METHODS OF APPLICATION

Marbled Design and Color Panels: Fastened in place with chromium screws. Can be used with rabbeted base and cap, in Black or marbled colors, or as complete wall covering. Color Panels may also be applied with special metal strips in matching colors.

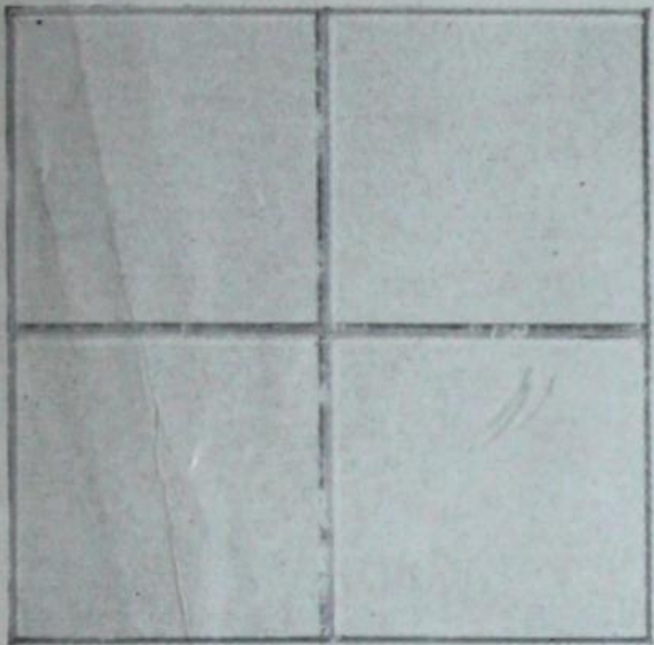
Tile Design: Fastened by nails in holes drilled in score marks and touched up with special lacquer, or by metal strips in the same colors as the tile. Use special strip for all outside corners.



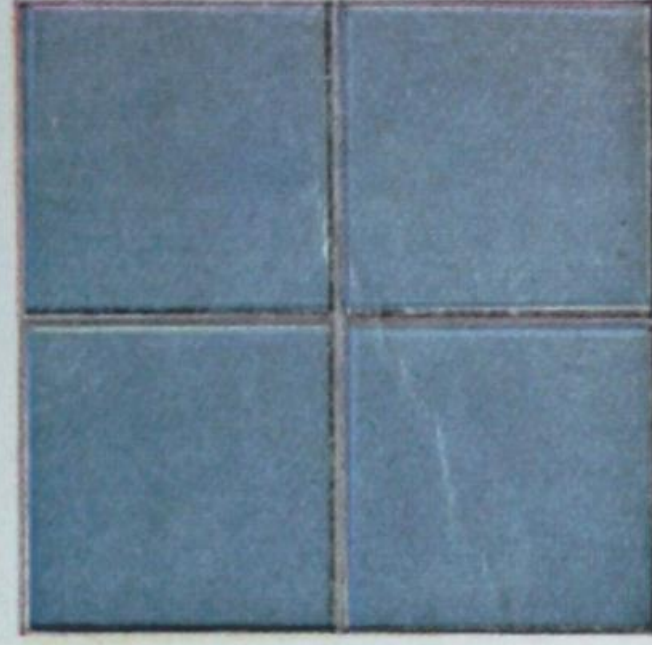
Light Green



Ivory



White



Light Blue



With the latest development in its Asbestos Wainscoting—a new combination sheet which unites cap, base and tile into a single piece—Johns-Manville cuts application costs to the very minimum.

No costly, time-consuming cutting along uneven floor lines is necessary with this new material. All sheets are applied with caps aligned. A quarter-round moulding along the floor not only conceals irregularities, but gives an added finish to the job.



TILE FLOORING

J-M TILE FLOORING (Type A)

**A decorative flooring that is durable,
resilient and economical**

J-M Tile Flooring, Type A, meets every requirement of a decorative floor, combining utility with beauty to an unusual degree. It is low both in first cost and in maintenance. With it, "underfoot overhead" is reduced to a minimum.

J-M Tile Flooring can be used over practically any underfloor which is perfectly smooth, even and firm. Through improved methods of application, each individual tile is securely bonded to the underfloor and to the adjacent tiles. Once laid, a J-M Tile Floor will not wrinkle, stretch, or disintegrate.

Because it so fully provides the following important features, J-M Tile Flooring is ideal for use in homes, schools, office buildings, apartment buildings, club houses, chemical laboratories, hospitals, stores, churches and theatres; in lavatories, wash rooms, corridors, lobbies, etc.

APPEARANCE: J-M Tile Flooring is furnished in individual pieces, in a wide variety of attractive colors. The choice of color, pattern and size affords almost unlimited latitude in the selection of design and color effect.



This might be a corner in a busy entrance hall, or a quiet home. In either case, Johns-Manville Tile Flooring is suitable in appearance, service and ease of cleaning.



Where hurrying feet may cause disturbance — where flooring must be sanitary and durable—J-M Tile Flooring quiets the footsteps and provides a surface that neither originates nor retains dust and that stands up under severest service.

FIRST COST: The cost of an installation of J-M Tile Flooring can be compared with that of linoleum of equal thickness.

WEAR RESISTANCE: In durability, this flooring approaches permanence. It actually thrives under the continual drubbing of foot traffic, retaining its attractive appearance after years of service. Ink and ordinary acids cannot harm it.

UPKEEP: Barring exceptional abuse, J-M Tile Flooring requires no attention other than an occasional brushing or damp-mopping with soap and water.

COMFORT UNDERFOOT; NON-SLIP, SANITARY SURFACE: Being perceptibly resilient, J-M Tile Flooring cushions the impact of heels and assures quiet, restful walking. The surface does not become slippery with use; neither does it originate or retain dust.

RESISTANCE TO MOISTURE AND FIRE: Not only are the tile themselves non-absorbent, but the cement in which they are laid is virtually unaffected by water. The flooring also affords ample resistance to fire, and has been approved for use in many cities where fire laws are unusually stringent.

EASE OF REPAIR OR EXTENSION: Should it be necessary to extend the floor, or to repair it as a result of excessive abuse, it can be done quickly, and with very little evidence of change in appearance.

INDUSTRIAL FLOORING PLANK

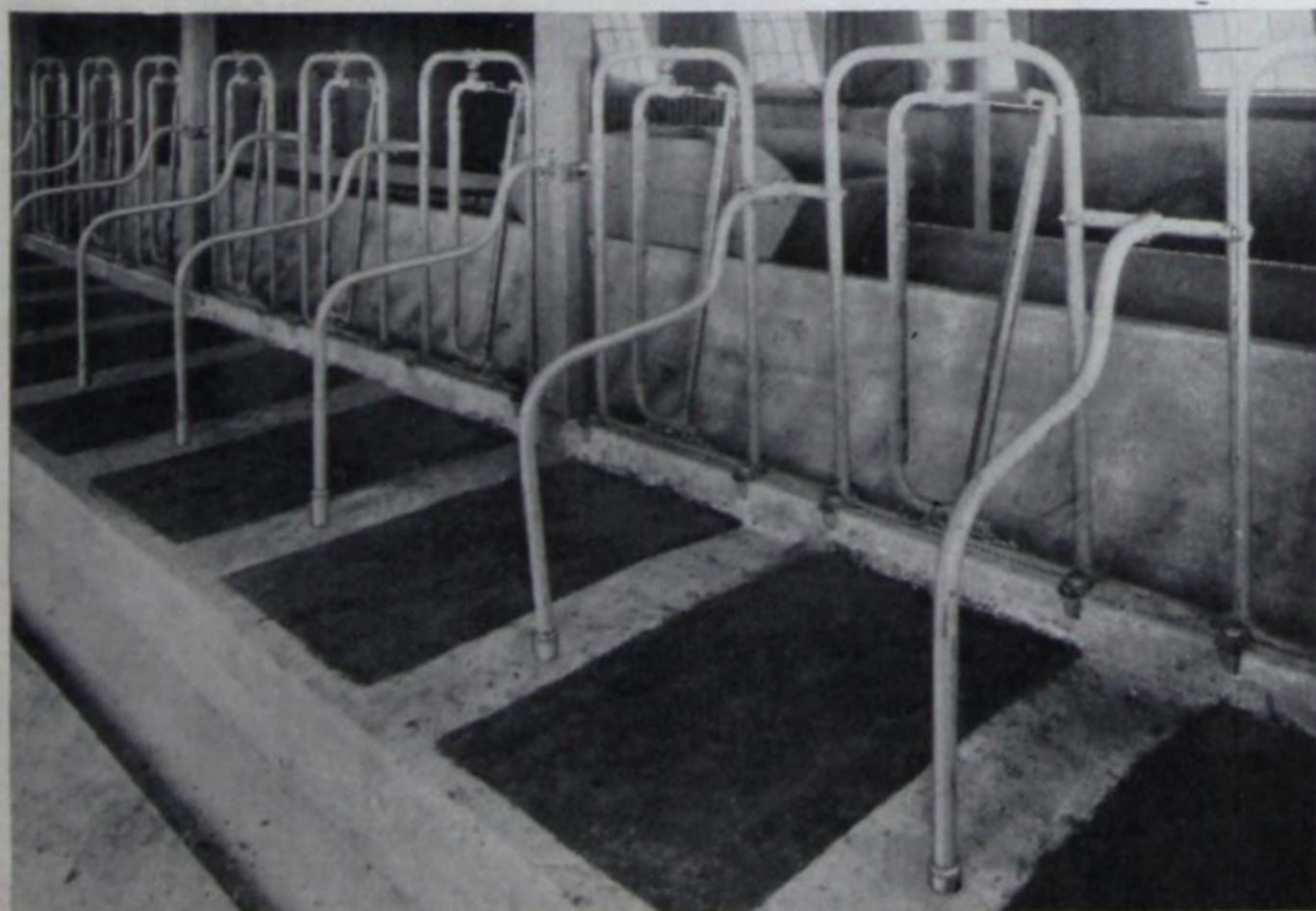
J-M INDUSTRIAL FLOORING PLANK



As can be seen from this picture, it requires no skilled labor or special equipment to lay a floor of J-M Industrial Flooring Plank. Just as soon as the last plank is in place, the floor is ready for immediate use.



Here is J-M Industrial Flooring Plank in a shoe factory. Because it is tough and durable, it stands up not only under foot traffic, but under the knife-like action of the castors on the racks shown in the foreground.



Because it is dustless, odorless, waterproof and immune to decay, J-M Flooring Plank makes a splendid flooring for dairy barns.

The ideal flooring for practically any industrial use. Easy to lay . . . no setting. Resilient . . . tough . . . quiet . . . dustless . . . easy to maintain . . . does not crack, chip, warp or splinter.

Differing in its manufacture from other asphaltic flooring materials, and containing a high percentage of densely compacted asphalt and fibre, J-M Industrial Flooring Plank offers a wearing surface of unusual toughness and durability. It is less affected by abrasion than concrete, wood, asphalt block or brick, and is harder and stronger mechanically than cold mastic.

Some of Its Characteristics

J-M Industrial Flooring Plank is resilient and dustless and will not crack, chip or warp. It has no grain, and therefore will not splinter. Being waterproof, it will not swell or buckle. It is unaffected by sub-grade moisture. It is quiet, vermin-proof and odorless. Because it is fire-retarding and spark-safe, it is an ideal flooring for use in plants using or manufacturing chemicals, gases or powders which are either inflammable or explosive.

A Self-healing Flooring Material

Except in extreme cases, no permanent damage can occur to the surface of J-M Flooring Plank through concentration of a very heavy load on a small bearing area. All ordinary indentations quickly iron out under the action of traffic, due to the natural resiliency of the flooring and to its high asphalt content.

A Quiet Trucking Surface that becomes "Faster" with Use

When laid, J-M Flooring Plank is a medium fast trucking surface; but instead of becoming slower like concrete, it actually becomes faster with use as it seats itself firmly to the sub-floor and its surface irons out under the action of traffic. In addition, it has the advantage of being much quieter than floors of either metal or concrete. Furthermore, it is more resilient and more economical to maintain than either, and, unlike concrete, it is dustless and waterproof. Compared to grain edge hardwood, another so-called "fast" floor, J-M Plank is more durable, waterproof, vermin-proof, drier, less slippery, and, of utmost importance, it has no grain and will not splinter or broom like wood.

Easily Applied Over Any Sub-Floor

The application of J-M Industrial Flooring Plank is very simple and economical, regardless of the base on which it is laid. The planks are furnished in $\frac{1}{2}$ -inch thickness, 12" x 24" in size. They come accurately die cut, and are quickly and easily cemented to the base to form a smooth floor with tight joints. No skilled labor is necessary.

Once in place, a floor of J-M Industrial Flooring Plank is ready for immediate use. It requires no setting or hardening, with a consequent tying up of busy space and costly interruption of service.

For full application details, consult your Johns-Manville office.

OTHER IMPORTANT POINTS WHERE JOHNS-MANVILLE PRODUCTS WILL HELP YOU TO BUILD A BETTER HOME

YOUR FLOORS: Wherever you want a decorative floor, specify Johns-Manville Asphalt Tile Flooring—resilient, colorful, long wearing—in a wide variety of solid and marbled colors. For soundproofing between floors, specify J-M Deadening Felt.

YOUR FURNACE ROOM: Reduce the hazard of fire by enclosing your heating plant in a room whose walls and ceiling are lined with J-M Asbestos Flexboard, the new and economical Johns-Manville fireproof sheet in an attractive buff color.

YOUR GARAGE: Protect your car from the freezing cold by lining your garage with Johns-Manville Insulating Board. Fireproof your garage, too, with sheets of J-M Asbestos Flexboard.

YOUR HEATING AND PLUMBING SYSTEMS: Cover your heating plant and every foot of pipe in your home with the proper type of insulation. Johns-Manville—leading authority on insulation—manufactures a complete line of insulating materials for every home purpose.

FLAT OR LOW-PITCHED ROOFS: For roofs on which shingles cannot be applied, specify J-M Ready-to-lay Roofing.

In addition, Johns-Manville also has a complete line of accessory items such as sheathing papers, roof putties, roof coatings and waterproofing materials, each made to J-M standards of quality, established through more than half a century of manufacturing experience.



CANADIAN JOHNS-MANVILLE CO., Limited

Asbestos Mines and Factory: ASBESTOS, P.Q.

910 St. James St.
MONTREAL, P.Q.

Laird Drive, Leaside
TORONTO, ONT.

188 Princess St.
WINNIPEG, MAN.

325 Howe St.
VANCOUVER, B.C.